29 SEP 1930

GOVERNMENT OF INDIA

METEOROLOGICAL DEPARTMENT

MAGNETIC, METEOROLOGICAL AND SEISMOGRAPHIC OBSERVATIONS

MADE AT THE

GOVERNMENT OBSERVATORIES,

BOMBAY AND ALIBAG,

IN THE YEAR

1926

LIBRARY OF THE BOMBAY BRANCH OF THE ROYAL ASIATIC SOCIETY

UNDER THE DIRECTION OF
B. N. BANERJI, M.Sc., Ph.D.
AND
K. R. RAMANATHAN, M.A., D.Sc.,
REDUCED AND TABULATED UNDER THE DIRECTION OF
S. K. BANERJI, D.Sc.

00133511

Published by Authority of the Government of India.

CALCUTTA: GOVERNMENT OF INDIA
CENTRAL PUBLICATION BRANCH
1930
Price : Rs. 10 As. 12 or 17s. 6d.

Government of India Publications are obtainable from the Government of India Central Publication Branch, 3, Government Place, West, Calcutta, and from the following Agents :—

EUROPE.

OFFICE OF THE HIGH COMMISSIONER FOR INDIA, INDIA HOUSE, ALDWYCH, LONDON, W. C. 2.
AND AT ALL BOOKSELLERS.

INDIA AND CEYLON : Provincial Book Depôts.

MADRAS :—Superintendent, Government Press, Mount Road, Madras.
BOMBAY :—Manager, Government Book Depot, Charni Road, Gardens, Queen's Road, Bombay.
SIND :—Library attached to the Office of the Commissioner in Sind, Karachi.
BENGAL :—Bengal Secretariat Book Depot, Writers' Buildings, Room No. 1, Ground Floor, Calcutta.
UNITED PROVINCES OF AGRA AND OUDH :—Superintendent of Government Press, United Provinces of Agra and Oudh, Allahabad.
PUNJAB :—Superintendent, Government Printing, Punjab, Lahore.
BURMA :—Superintendent, Government Printing, Burma, Rangoon.
CENTRAL PROVINCES AND BERAR :—Superintendent, Government Printing, Central Provinces, Nagpur.
ASSAM :—Superintendent, Assam Secretariat Press, Shillong.
BIHAR AND ORISSA :—Superintendent, Government Printing, Bihar and Orissa, P. O. Gulzarbagh, Patna.
COORG :—Office of the Chief Commissioner of Coorg, Bangalore.
NORTH-WEST FRONTIER PROVINCE :—Manager, Government Printing and Stationery, Peshawar.

Thacker, Spink & Co., Calcutta and Simla.
W. Newman & Co., Ltd., Calcutta.
S. K. Lahiri & Co., Calcutta.
The Indian School Supply Depôt, 309, Bow Bazar Street, Calcutta.
Butterworth & Co. (India), Ltd., Calcutta.
M. C. Sarcar & Sons, 15, College Square, Calcut
Standard Literature Company, Limited, Calcut
Association Press, Calcutta.
Chukervertty, Chatterjee & Co., Ltd., 13, C Calcutta.
The Book Company, Calcutta.
James Murray & Co., 12, Government Pla (For Meteorological publications only.)
Ray Chaudhary & Co., 68-5, Asutosh Mukherji
Scientific Publishing Co., 9, Taltolla Lane, Calc
Chatterjee and Co., 204, Cornwallis Street, Calcu
Standard Law Book Society, 8-2, Hastings Str
The Hindu Library, 3, Nandalal Mallick ...an
Kamala Book Depôt, Ltd., 15, College Square,
Bengal Flying Club, Dum Dum Cantt., on Avi
Kali Charan & Co., Municipal Market, Calcutta.
B. C. Basak, Esq., Proprietor, Albert Library, Dacca.
Mitra Brothers, Rajshahi.
Higginbothams, Madras.
Rochouse & Sons, Madras.
G. A. Nateson & Co., Publishers, George Town, Madras.
Theosophical Publishing House, Adyar, Madras.
P. Varadachary & Co., Madras.
S. Murthy & Co., Madras.
City Book Company, Madras.
Bright & Co., Trivandrum.
The Booklover's Resort, Taikad, Trivandrum, South India.
E. M. Gopalakrishna Kone, Pudumandapam, Madura.
Central Book Depôt, Madura.
Vijapur & Co., Vizagapatam.
Thacker & Co., Ltd., Bombay.
D. B. Taraporevala, Sons & Co., Bombay.
Sunder Pandurang, Bombay.
Ram Chandra Govind & Sons, Kalbadevi Road, Bombay.
N. M. Tripathi & Co., Booksellers, Princess Street, Kalbadevi Road, Bombay.
New and Secondhand Bookshop, Kalbadevi Road, Bombay.
Mrs. Radhabai Atmaram Sagoon, Kalbadevi Road, Bombay.
J. M. Pandia & Co., Bombay.
Gotulal & Co., Bombay.
A. H. Wheeler & Co., Allahabad, Calcutta and Bombay.
S. Govind & Co., Sandhurst Road, Girgaon, Bombay.
Bombay Book Depôt, Girgaon, Bombay.
Bennett Coleman and Co., Ltd., The Times of India Press, Bombay.
Proprietor, New Kitabkhana, Poona.
The Manager, Oriental Book Supplying Agency, 15, Shukrawar, Poona City.
Rama Krishna Bros., Opposite Vishrambag, Poona City.
S. P. Bookstall, 21, Budhwar, Poona.
Mangaldas & Sons, Booksellers and Publishers, Bhaga Talao, Surat.
The Standard Book and Stationery Co., 32-33, Arbab Road, Peshawar.
R. B. Umadikar & Co., The Bharat Book Depôt, Dharwar.
The Students Own Book Depôt, Dharwar.
Shri Shankar Karnataka Pustaka Bhandara, Malamaddi, Dharwar.
The Standard Bookstall, Karachi, Quetta, Delhi, Murree and Rawalpindi.
The Karachi Book Depot, Elphinstone Street, Camp, Karachi.

The English Bookstall, Karachi.
The Standard Bookstall, Quetta.
U. P. Malhotra & Co., Quetta.
J. Ray & Sons, 43, K. & L., Edwardes Road, Rawalpindi, Murree and Lahore.

...pot, Lahore, Nainital, Mussoorie, Cantonment and Delhi.
...bzir Kanun Hind Press, Allahabad.
...Tract and Book Society, 18, Clive ...
...l, Katra, Allahabad.
...Hahabad.
...epot, Dayalbagh, Agra.
...ad, Cawnpur.
...depôt, Jullundur City; Daryaganj, ...
... Press, Lucknow.
...g House, Ltd., Literature Palace, Lucknow.
...ng & Sons, Mufid-i-Am Press, ...
...Lahore and Rawalpindi.
Rama Krishna & Sons, Booksellers, Anarkali, Lahore.
Puri Brothers, Booksellers and Publishers, Katcheri Road, Lahore.
The Tilak School Bookshop, Lahore.
The Standard Bookstall, Lahore.
The Proprietor, Punjab Sanskrit Book Depôt, Saidmitha Street, Lahore.
The Insurance Publicity Co., Ltd., Lahore.
The Punjab Religious Book Society, Lahore.
The Commercial Book Co., Lahore.
The University Book Agency, Kachari Road, Lahore.
Manager of the Imperial Book Depôt, 63, Chandni Chawk Street, Delhi.
Fono Book Agency, New Delhi.
Oxford Book and Stationery Company, Delhi, Lahore, Simla, Meerut and Calcutta.
Supdt., American Baptist Mission Press, Rangoon.
The Modern Publishing House, Ltd., 30, Phayre Street, Rangoon.
Burma Book Club, Ltd., Rangoon.
Manager, The "Hitavada", Nagpur.
Bhisey Brothers, Booksellers and Stationers, Sitabaldi, Nagpur.
S. C. Tahildar, Proprietor, Students & Co., Cooch Behar.
The Manager, Ceylon Observer, Colombo.
The Manager, The Indian Book Shop, Benares City.
Nandkishore & Bros., Chowk, Benares City.
The Srivilliputtur Co-operative Trading Union, Ltd., Srivilliputtur (S. I. R.).
Raghunath Prosad & Sons, Patna City.
The Students Emporium, Patna.
K. L. Mathur and Bros., Guzri, Patna City.
Kamala Book Stores, Bankipore, Patna.
G. Banerjea and Bros., Ranchi.
Dandekar Brothers, Indore City.
Pustukalaya Sahayak Sahakari, Ltd., Baroda.
M. C. Kotheri, Raipura Road, Baroda.
The Hyderabad Book Depôt, Chaderghat, Hyderabad (Deccan).
Thakur & Co., Amraoti.
S. Krishnaswamy & Co., Teppakulam P. O., Trichinopoly Fort.
National College Teachers' Union Book Depôt, Trichinopoly.
Superintendent, Bangalore Press, Lake View, Mysore Road, Bangalore City.

AGENT IN PALESTINE:—Steimatzky, Jerusalem.

BOMBAY BRANCH
OF THE
Royal Asiatic Society.

Digitized with financial assistance from
Government of Maharashtra
on 01 February, 2020

11
81
27

GOVERNMENT OF INDIA

METEOROLOGICAL DEPARTMENT

MAGNETIC, METEOROLOGICAL AND SEISMOGRAPHIC OBSERVATIONS

MADE AT THE

GOVERNMENT OBSERVATORIES,

BOMBAY AND ALIBAG,

IN THE YEAR

1926

133511

LIBRARY OF THE BOMBAY BRANCH OF THE ROYAL ASIATIC SOCIETY.

UNDER THE DIRECTION OF

B. N. BANERJI, M.Sc., PH.D.

AND

K. R. RAMANATHAN, M.A., D.Sc.,

REDUCED AND TABULATED UNDER THE DIRECTION OF

S. K. BANERJI, D.Sc.

00133511

Published by Authority of the Government of India.

CALCUTTA: GOVERNMENT OF INDIA
CENTRAL PUBLICATION BRANCH
1930

TABLE OF CONTENTS.

	Page.
1. Introduction	1
Meteorological instruments	1
Magnetic instruments	3
System of observation at Colaba	4
System of observation at Alibag	5
General Review	6
Absolute observations and base-line values	8
Seismographs	10
Magnetic Storms	10
2. Barometric pressure—	
January	12
February	12
March	14
April	14
May	16
June	16
July	18
August	18
September	20
October	20
November	22
December	22
3. Rainfall—	
January	24
May	24
June	24
July	26
August	26
September	28
October	28
4. Wind velocity—	
January	30
February	30
March	32
April	32
May	34
June	34
July	36
August	36
September	38
October	38
November	40
December	40
5. Direction of wind—	
January	42
February	42
March	44
April	44
May	46
June	46
July	48
August	48
September	50
October	50
November	52
December	52

PAGE.

6. Air temperature—

January 54
February 54
March 56
April 56
May 58
June 58
July 60
August 60
September 62
October 62
November 64
December 64

7. Relative humidity—

January 66
February.. 66
March 68
April 68
May 70
June 70
July 72
August 72
September 74
October 74
November 76
December 76

8. Clouds and their movements 78

9. Duration of Bright Sunshine 84

10. Diurnal variation of magnetic elements 85

11. Declination—

January 88
February 88
March 90
April 90
May 92
June 92
July 94
August 94
September 96
October 96
November 98
December 98

12. Horizontal force—

January 100
February.. 100
March 102
April 102
May 104
June 104
July 106
August 106
September 108
October 108
November 110
December.. 110

PAGE.

13. Vertical force—
    January 112
    February.. 112
    March 114
    April 114
    May 116
    June 116
    July 118
    August 118
    September 120
    October 120
    November 122
    December 122
14. Magnetic disturbances 124
15. Fourier analysis of the diurnal and annual variations of the horizontal force 125
16. Seismic disturbances 126
17. Microseisms.. 132
18. Alibag Observatory Magnetograms .. .. *Plates I to V*

INTRODUCTION.

This volume on the magnetic, meteorological and seismographic observations made in the Government Observatories, Bombay and Alibag, during the year 1926, has been prepared in the same form as the volume for the year 1925. The hourly values of all the important meteorological and magnetic elements have been given and these represent their average values over one hour and not their momentary values at the end of every hour. This volume is the forty-eighth volume of its kind issued by the Observatory and extends the records of continuous meteorological and magnetic observations to a period of eightyone years and of seismographic observations to a period of twentyeight years. The transference of magnetic work from Colaba to Alibag in 1904, due to the city of Bombay having decided to have electric tram service, caused a certain amount of discontinuity in the magnetic records, which had run uninterruptedly then at Colaba for about sixty years, but as comparative observations could be taken at both the stations for a period of two years before the electric tram lines were completed and the service had commenced its operations, the 'discontinuity' could be calculated and allowed for. The comparative observations show that at Alibag, the horizontal component of magnetic force stands lower by ·00510 C. G. S. unit of force, easterly declination stands higher by 53′·5 and inclination stands higher by 1° 4′·7 than at Colaba, and these are the finally adopted differences between the two sites. The figures published in this volume, like those in the previous volumes since 1906, have not been corrected for these differences.

The Colaba Observatory is situated almost at the extreme south end of the narrow ridge of land extending about three miles to the south-west of the Fort of Bombay and separating the Harbour from the Back Bay. The level of the Observatory compound is about 32 feet above the mean level of the sea.

The astronomical co-ordinates* giving the position of the Colaba Observatory are :—

Latitude	18° 53′ 36·18″ N.
Longitude	72° 48′ 54·03″ E.

The Alibag Magnetic Observatory is situated on the mainland about 18 miles south-south-east of Bombay, and its astronomical co-ordinates are—

Latitude	18° 38′ 17″ N.
Longitude	72° 52′ 21″ E.

For a general description of the buildings and instruments in both the Observatories see "Magnetical, Meteorological and Seismographic Observations made at the Government Observatories, Bombay and Alibag, 1906 to 1910," and also the similar volume for 1916-20.

Unless otherwise stated, all times given in this volume refer to local mean time.

Meteorological instruments.

1. *Standard Barometer.*—The barometer is by Newman (No. 58) and has been in uninterrupted use since the establishment of the Observatory. It reads on an average 0·004″ below the Kew Standard and 0·012″ below the old Calcutta standard barometer. The height of the barometer is 37 feet above the mean sea-level. A subsidiary standard barometer, Newman No. 48, has also been maintained in the underground constant temperature room, and its reading exceeds that of the standard barometer by 0·001″.

2. *Barograph.*—The instrument is of the Kew pattern and is installed in the underground constant temperature room and the variation of pressure is recorded photographically. The barograph has been treated, as in the past, as an independent instrument in respect of the variation of pressure occurring in the course of a day, but the mean of the excesses of the eye observations of the standard barometer made on any day, on the previous day and the succeeding day over the corresponding barograph tabulations has been applied as a common correction to all the tabulated hourly readings of the day.

3. *Standard Dry bulb and Wet bulb Thermometers.*—On the 26th November 1917, the freezing points were tested and the zero of the dry bulb standard thermometer No. 401 was found to have changed from 32°·6 to 33°·0 F. and that of the wet bulb standard thermometer No. 402 from 32°·5 to 33°·0 F. These thermometers were again tested on the 3rd February 1926 and their corrections were found to be the same as those determined in 1917. Besides the above, there are eye reading dry bulb, wet bulb, maximum and

*Magnetic, Meteorological and Seismographic observations made at the Government Observatories, Bombay, and Alibag. 1923, p. 1.

minimum thermometers installed in a standard Stevenson Screen and a standard thatched shed. The heights of the bulbs of the thermometers above the ground in different sheds are given below :—

Thermograph Shed ; Dry bulb 10′ ; Wet bulb 10′

Stevenson Screen ; „ „ 4′ 4½″ ; „ „ 4′ 4″ ; Max. 4′ 11½″ ; Min. 4′ 4½″

Thatched Shed ; „ „ 4′ 8″ ; „ „ 4′ 7½″ ; „ 4′ 0½″ ; „ 3′ 8½″.

For the results of comparative observations of these thermometers see p. 2 of the volume for the year 1924.

4. *Kew Dry bulb and Wet bulb Thermograph.*—The bulbs of these thermograph thermometers are placed close to those of the standard dry and wet bulb thermometers in a large double louvre shed, and the variation of temperatures is recorded photographically. The tables of air temperature have been obtained from the tabulations of dry bulb and of humidity from dry and wet bulb thermograms. The mean differences between the readings of the standard dry and wet bulb thermometers described in the preceding para. and the corresponding readings of the thermograms for the year 1926 were 0°·2 and 0°·1 respectively and were neglected.

5. *Ground thermometers.*—These thermometers are installed in the standard thatched shed with their bulbs at the depths of 1, 9, 20, 60 and 132 inches respectively below the surface. Ground thermometers No. 3246 by Munro and No. 12689 by Casella are placed exposed to the sun in the rain-gauge enclosure with their bulbs at the depths of one inch and eight inches respectively below the surface. The thermometer No. 12689 was accidentally broken on the 28th March 1925 and was replaced by thermometer No. 20930. The observations of the underground thermometers in the thatched shed were discontinued from the 1st August 1926, and arrangement was made for digging out the thermometers for the determination of their corrections and for a harmonic analysis of the data hitherto collected.

6. *Robinson-Beckley's Anemograph.*—This anemograph is of the kind designed by Robinson, with improvements by Robert Beckley. It is erected on the Anemometer Tower with its cups, at a height of 58 feet above the ground, and 100 feet above the mean sea-level. The centres of each pair of opposite hemi-spherical cups are four feet apart, and the diameter of each of the cups is 9 inches. The diameter of the vanes of the direction recorder is 15 inches and the breadth of the fans 4 inches.

7. *Dines' Anemograph, 1897 (velocity).*—The head-vane has been placed on the Anemometer Tower at a distance of 6 feet from the Robinson-Beckley's cups and 6 inches above their level. The comparison of this instrument with a U-tube pressure gauge, showed on the results of a series of experiments, that the relation between W, the difference in level of water in inches in the two arms of the U-tube, which is a measure of the pressure of wind, and V, the velocity of wind in miles per hour as indicated in the Dines' chart, was $W = \cdot 00078\ V^2$ instead of $W = \cdot 00073\ V^2$, which should have been the relation if the instrument had the correct specification of a standard instrument of this kind. The results showed that this Dines' instrument recorded only 96 per cent. of the true velocity.

8. *Dines' Anemograph, 1924 (velocity and direction).*—A Dines' anemograph, by R. W. Munro and Co., was received in 1923 and installed on the Anemometer Tower in January 1924. With a view to get the best possible exposure, its modern type T-shaped head-vane was placed on the top of a telegraph post 32·5 feet high, fixed on the Tower at a distance of 3 feet from the cups of the Robinson-Beckley's anemograph. The vane was therefore 27 feet above the level of Robinson-Beckley's cups and 127 feet above the mean sea-level. The diameter of the post near the Beckley's cups is 8 inches and it does not therefore exercise any appreciable influence on the records of Robinson-Beckley. This is due to the fact that in a current of air flowing past a fixed cylindrical obstacle, the stream lines, although they get deformed near the obstacle, assume again very nearly the original configuration at a distance from the obstacle equal to its diameter, and at this distance the velocity of the air current, too, attains its original value. The results of a series of comparisons of this instrument with a U-tube pressure-gauge showed that W, the difference in level of water in inches in the two arms of the U-tube, which is a measure of the pressure exerted by the wind, and V, the velocity of the wind in miles per hour as indicated in the charts, practically obey the standard law, namely, $W = \cdot 000731\ V^2$.

The height of the vane of this anemometer is 26 feet above that of the old Dines' anemometer. On account of this greater height, this instrument records a larger velocity of wind, and smaller gustiness, the types of the records by the two instruments

however being identical. The following table gives the results of the comparative observations during 1924-28 of the three wind instruments.

Ratio of Wind Velocities (1924-28).	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Means. October to February.	March to May.	June to September.	Year.
New Dines to Old Dines.	1·43	1·48	1·44	1·45	1·57	1·62	1·85	1·89	1·76	1·64	1·65	1·57	1·55	1·49	1·78	1·61
New Dines to Rob. Beckley.	1·34	1·39	1·35	1·33	1·43	1·51	1·74	1·76	1·64	1·51	1·57	1·47	1·46	1·37	1·66	1·50
Old Dines to Rob. Beckley.	0·96	0·94	0·94	0·93	0·97	0·95	0·95	0·96	0·94	0·93	0·95	0·94	0·94	0·95	0·95	0·95

The hourly values of wind velocity and wind direction tabulated in this volume represent the average of this Dines' records for periods of sixty minutes, from full hour to full hour of local mean time. The daily mean directions have been derived by converting the hourly directions into N or S and E or W components and combining the mean components.

9. *Rain-gauge.*—Newman's rain-gauge, which has been in use since 1845, exposes for the collection of rain drops at a height of four feet above the ground a circular surface of an average diameter of 12·035 inches, forming the top of the funnel, which opens into a cylindrical vessel below, having a diameter of 5·732 inches. Each division of the graduated rod resting on the float represents ·05 inch of rain and the readings of this scale are easily estimated to one-fifth of a division.

10. *Photographic Rain-gauge.*—This instrument takes a continuous record of rainfall by photographing the head of a mercury column balancing the rainfall collected in a glass vessel, with an arrangement for syphon discharge when full. A full description of this instrument will be found in the introduction to the "Bombay Magnetical and Meteorological Observations, 1871 to 1878", page xlvi. For methods of reduction of pluviograph records, reference is made to the introduction to the "Bombay Magnetical, Meteorological and Seismographic Observations, 1916-20". The height of the receiving funnel of this instrument is 28 feet above the ground. On account of its greater height, the pluviograph gives a lower value for rainfall than that by Newman.

Magnetic Instruments.

Variation Instruments.

The horizontal force, vertical force and declination magnetographs in use at Alibag are all by Watson and are mounted on isolated pillars in the magnetograph room. They were maintained in continuous action throughout the year. The maximum and minimum temperatures in the magnetograph room during 1926 are shown below in degrees Fahrenheit.

1926.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	year.
	°	°	°	°	°	°	°	°	°	°	°	°	°
Maximum .	84·7	83·8	85·2	86·6	89·7	90·6	90·1	87·0	86·5	87·5	87·1	84·8	90·6
Minimum .	82·9	83·0	83·9	85·2	86·5	89·6	86·8	84·8	84·8	86·5	84·8	82·7	82·7

Two Eschenhagen variometers, one for horizontal force and the other for vertical force, are also installed in the magnetograph room and are read five times every day. A set of Kew Horizontal Force Magnetometer, Kew Vertical Force Magnetometer and Declination Magnetometer is installed in the ground-floor room of the magnetometer building and these are also read five times every day. The eye observations are regularly plotted and are used mainly for a comparative study of the performance of the different instruments. The magnetograms have been used in deducing the tabulated results. The hourly tabulations represent the mean values during one hour, from full hour to full hour, local mean time. The average values centred at the Greenwich full hour following the nth hour of local mean time can be easily deduced from these by the use of the simple formula $\frac{39\,A_n + 21\,A_{n+1}}{60}$ where A_n, A_{n+1} are two consecutive readings in the tables for the nth hour and (n + 1) th hour respectively of the local mean time.

The scale coefficient of the force magnetographs are obtained every fortnight from deflection observations performed on the instruments with deflectors, at a distance of 100 cms. in the case of H and at a distance of 75 cms. in the case of V magnetographs. The value adopted for any month is the mean of the mean observed value for that month and those for the preceding and succeeding months.

The following table gives the scale coefficients for 1 cm. ordinate on the photographic paper of the force magnetographs in γ, where as usual, γ =0·00001 C. G. S. unit of force.

Instrument.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
H. F. Magnetograph	45·2	45·1	45·2	45·3	45·3	45·3	45·3	45·3	45·3	45·2	45·2	45·3
V. F. Magnetograph	95·8	95·6	95·6	95·7	95·9	96·0	96·1	96·2	96·4	96·7	96·7	96·7

The scale coefficient of the declination magnetograph for 1 cm. of ordinate is 10′·28.

The temperature coefficient for the horizontal force magnetograph has been determined by heating experiments and its adopted value is ·000036 in C. G. S. unit for 1° F. The temperature co-efficient of the vertical force magnetograph was found by similar experiments to be negligible as no appreciable change in force, after allowing for the actual diurnal change, could be definitely ascertained as being due to temperature effect. The above conclusions have been checked by an analysis of the observed monthly values of base lines by means of the formula $B_t = B_m + \alpha\ (t - m)$, where B_t is the monthly mean value of the base line, uncorrected for temperature but corrected for the slow secular change caused by the loss of magnetic moment and other causes, t the mean temperature during the month, B_m the annual mean of the observed values of the base line, m the annual mean temperature of the magnetograph room, and α the temperature coefficient. Several years' data have been analysed in this manner and the results show that the difference between the adopted value and the value determined by this method is small.

Absolute Instruments.

Two magnetometers have been under regular observation during the period for obtaining the absolute values of horizontal force and declination. Magnetometer No. 7 by T. Cooke and Sons, which is the standard instrument at Alibag, is of the ordinary type of Kew pattern instruments but is modified and improved in several important details. The other instrument is Magnetometer No. 3 by the Cambridge Scientific Instrument Company and is of the usual Kew pattern. Instrument No. 7 is observed on the second floor of the magnetometer building, while instrument No. 3 is observed on the first floor, each instrument being permanently allowed to stand on its pillar in the respective floors. A third magnetometer No. 137 by A. Dover Charlton with magnets No. 3A and 3C received from Messrs. Casella and Co. in 1925 was brought into use from September 1925 for observations of horizontal force and declination on the ground floor.

The value of the correction, $\text{Log}_{10}\left(1 + \frac{P}{r^2} + \frac{Q}{r^4}\right)^{-1}$ used in the reduction of the horizontal force observations was obtained for a given month by taking the mean for seven months including the given month as fourth of the seven. The values of this correction for the different months of the year for the standard instrument at the deflection distance 22·5 cms. were as follows :—

January	.. 9·99297	May	.. 9·99305	September	.. 9·99319
February	.. 9·99298	June	.. 9·99311	October	.. 9·99320
March	.. 9·99299	July	.. 9·99313	November	.. 9·99320
April	.. 9·99303	August	.. 9·99316	December	.. 9·99323

Earth Inductor No. 41 by Schulze of Potsdam with galvanometer No. 200 by Plath are installed on specially constructed pillars in the second floor, while Inductor No. 108 by Otto Toepfer and its galvanometer are installed in the first floor of the magnetometer building.

System of observation at Colaba.

Eye observations of meteorological elements were taken every day, including Sundays, at the hours 8, 10, and 16; the day commencing at midnight, Bombay (Colaba), being reckoned from 0 to 24. The time of observation of each element is fixed and the observations were registered with strict punctuality as follows :—

From 5 minutes to the hour to 2 minutes after the hour. { Extent and description of clouds, state of weather, occasional phenomena and direction of the wind.

At 2 minutes after the hour . { Thermograph standard thermometer, dry-bulb. Thermograph standard thermometer, wet-bulb.

At 3 minutes after the hour .	Newman's rain-gauge (in wet season).
From 5 to 7 minutes after the hour.	Surface thermometer in shade, 1 inch and 9 inches deep (discontinued from the 1st August 1926).
From 7 to 9 minutes after the hour.	Newman's standard barometer No. 58 and attached thermometer. Newman's standard barometer No. 48 and attached thermometer (read at 10 hrs. and 16 hrs. only).
At 10 minutes after the hour .	Thermometer attached to barograph (read at 10 hrs. and 16 hrs. only).
At 19 minutes after the hour .	Surface thermometers in the sun, 1 and 8 inches deep.

Observations of the extent and description of clouds, state of weather, occasional phenomena and rainfall (in wet season) were also taken at 6, 14 and 22 hrs. Observations with nephoscope were taken at 8½, 12½ and 16½ hrs. every day. The maximum and minimum thermometers in the thermometer-sheds were read twice daily at 8 and 16 hrs.

Observations made once daily include readings of (1) the underground thermometers in shade 20, 60 and 132 inches deep, made at 14 hours, and (2) the nocturnal radiation thermometer, made at 8 hrs. The observations of the underground thermometers were discontinued from the 1st August 1926. During the monsoon months, Newman's rain-gauge was read daily at midnight and the discharges of the syphon of the self-registering pluviograph were also read once or oftener as required.

A Campbell-Stockes Sunshine recorder was installed on the balloon observation tower and was brought into regular use from August 1925.

The electric clock controlling the drop of the time ball and the Harbour clock, was duly regulated thrice every day by comparison with the standard sidereal clocks, two Riefler's and one Kullberg. Government chronometers, belonging to the Royal Indian Marine and the Royal Navy, were wound daily or twice a week as required and comparisons with the standard clock were made with sufficient frequency to render the instruments always ready for issue at call with well determined rates.

Transit observations of stars for the determination of time for obtaining the errors and the rates of the sidereal clocks were made every Monday, Wednesday and Friday in the dry months of the year. During the monsoon months, no opportunity was lost for observing either the sun or the stars whenever visible. The adjustment of the transit instrument in azimuth was tested frequently by reference to the fixed meridian collimator marks, and level errors were tested and checked once every month. Errors of collimation level and azimuth were determined once every month except during the monsoon months.

A second transit instrument by T. Cooke and Son, which was purchased from the Mathematical Instrument Office, Calcutta, was installed on a separate stone pillar, isolated from the floor, in the transit room at the end of 1925. Simultaneous observations of stars with this instrument as well as the old transit instrument commenced in 1926 with a view to form an estimate of the instrumental errors after correcting for all known errors.

The inter-valve transformers in the 7-valve Marconi wireless receiving apparatus having become defective, a new 5-valve apparatus of the Marconi RP2B type was installed in April. Observations of the time signals broadcasted from Nauen, Bordeaux and Calcutta, were taken during the year and the observed times was compared with the times determined by star observations.

Observations of magnetic declination were made once every month at Colaba about the 15th of each month. The mean of the differences between the observed absolute values of declination at Colaba and Alibag, from 1906 to 1928, is 52′·9, and this agrees fairly well with the value obtained by the comparative observations taken at the two stations in the year, 1904 and 1905.

System of observation at Alibag.

Eye observations of the instruments mentioned below were taken daily, Sundays included, shortly before 6, 10, 14, 16 and 22 hrs. at the instants specified against them. These instants have been chosen so that they may approach as nearly as possible to the full hour of Greenwich mean time, which corresponds to 51 mins. of local mean time.

At 19 minutes to the hour .	Kew Horizontal Force Magnetometer and attached thermometer.

At	17 minutes to the hour .	Kew Vertical Force Magnetometer and attached thermometer.
„	15 „ „ „ .	Declination Magnetometer and thermometer in the Magnetometer room.
„	11 „ „ „ .	Eschenhagen's Vertical Force Variometer and attached thermometer.
„	10 „ „ „ .	Watson's Vertical Force Magnetograph and attached thermometer.
„	9 „ „ „ .	Watson's Declination Magnetograph.
„	8 „ „ „ .	Watson's Horizontal Force Magnetograph and attached thermometer.
„	7 „ „ „ .	Eschenhagen's Horizontal Force Variometer and attached thermometer.
„	6 „ „ „ „ .	Thermograph in the Magnetograph room and standard thermometer (read twice daily at 6 and 16 hrs. only).

Deflection experiments, with vibration magnet of magnetometer No. 137, the moment of which is determined every week, as deflector at a distance of 100 cms. on the horizontal force magnetograph and at a distance of 75 cms. on the vertical force magnetograph, were made once every fortnight. Similar deflection experiments with vibration magnet of magnetometer No. 3 as deflector were made once a month for the purposes of check work.

Deflection experiments, with vibration magnet No. 137 as deflector at a distance of 100 cms. on the Eschenhagen's horizontal force variometer, and at a distance of 75 cms. on the Eschenhagen's vertical force variometer, were also made once a fortnight.

Observations of absolute horizontal force were made with the Observatory standard instrument No. 7 on Wednesdays and with the auxiliary instrument No. 3 and magnets belonging to magnetometer No. 137 on Mondays. With the same instruments observations of absolute declination were taken every Thursday. A pair of new magnets Nos. 3A and 3C by Messrs. C. F. Casella and Co. with N. P. L. certificate were received from England and test observations of H and D were made with them on alternate weeks beginning from September 1925. From the same month, observations of H and D with the auxiliary instrument No. 3 were also made on alternate weeks instead of every week. Observations of inclination were made with the Schulze's Inductor, which is the Observatory standard instrument, and another inductor by Otto Toepfer every day in the year with the exception of Sundays and holidays. Each of the two inductor instruments was ordinarily observed on alternate days but for check work both the instruments were observed simultaneously on Fridays.

Transit observations of stars for the determination of time were made generally on Tuesdays and Fridays in the dry months; during the monsoon months, no opportunity was lost of observing the sun or stars whenever visible. The adjustments of the transit instrument were frequently tested by reference to the fixed collimator marks and by level observations; the residual errors of collimation, level and azimuth were determined once every month except during the monsoon months.

For the comparative study of temperatures at Colaba and Alibag, the observations of the thermometers in the standard Stevenson screen at Alibag were continued during the year at all the observational hours 6, 10, 14, 16 and 22.

General Review.

1. *Weather.*—The southwest monsoon rains commenced at Bombay on the 10th June and ended on the 3rd October. The total rainfall recorded during the year amounted to 72·64″ and was 2·10″ above the normal of 72 years. The mean temperature of the year was 80°·0 which was 0°·7 above the normal. The greatest maximum temperature recorded was 93°·4 on the 16th October and the lowest minimum was 64°·0 on the 9th January. The mean temperature of all the months in the year was within 3° of the normal of the season. The mean velocity of wind during the year was 9·9 miles per hour. The greatest daily mean velocity was 23·0 miles per hour on the 14th June and the lowest was 3·5 miles per hour on the 6th December. The greatest mean hourly velocity was 40 miles on the 12th June, while the velocity of a single gust of wind as recorded by the New Dines' anemometer reached 53 miles per hour on the 5th July.

2. *Magnetic conditions.*—The mean and the extreme values of the magnetic elements at Alibag during 1926 are given below along with the corresponding values for the previous five years :—

Year.	H						D						V						I
	Mean.	Maximum.		Minimum.		Absolute annual range.	Mean.	Maximum.		Minimum.		Absolute annual range.	Mean.	Maximum.		Minimum.		Absolute annual range.	Mean.
		Value.	Date.	Value.	Date.			Value.	Date.	Value.	Date.			Value.	Date.	Value.	Date.		
	γ	γ		γ		γ	′	′		′		′	γ	γ		γ		γ	° ′
1921	36935	37069	18th May.	36381	15th May.	688	15·9 E.	41·9 E.	15th May.	9·5 E.	7th July.	32·4	17227	17320	15th May.	17144	20th Jan.	176	25 0·3
1922	36946	37037	10th Mar.	36777	14th Sept.	260	12·6 E.	18·0 E.	16th Feb.	6·6 E.	31st Aug.	11·4	17293	17351	12th Aug.	17222	5th Apr.	129	25 5·0
1923	36985	37071	27th Novr.	36854	24th Mar.	217	8·9 E.	13·6 E.	26th Jan.	3·6 E.	24th Sept.	10·0	17372	17432	3rd July.	17270	25th Jan.	162	25 9·6
1924	37029	37142	16th Oct.	36854	10th June	288	5·6 E.	10·5 E.	29th Jan.	0·4 E.	15th Sept.	10·1	17452	17514	26th Dec.	17379	19th Jan.	135	25 14·1
1925	37065	37170	9th Mar.	36899	28th Dec.	271	3·4 E.	8·2 E.	24th May	2·0 W.	4th Sept.	10·2	17527	17589	25th Dec.	17421	21st Jan.	168	25 18·5
1926	37079	37227	26th Jany.	36755	15th Apr.	472	0·8 E.	9·9 E.	15th Apr.	4·9 W.	24th Aug.	14·8	17590	17654	15th Oct.	17504	4th Jan.	150	25 22·7

The value of H has been steadily increasing since 1916. The increase from 1925 to 1926 is 14γ and is slightly lower than the average rate of increase, namely 23γ during the last 10 years. Declination diminished during the year at a rate which is very nearly that of the last ten years. Its mean value during the year was only 0′·8 E., so that the Observatory was very nearly over the magnetic meridian. Both the vertical force and the inclination showed, as usual, a gradual increase.

The following table gives the character figures assigned to each day according to the international scheme. In 1924, De Bilt issued a circular letter explaining a certain definite procedure to be followed in assigning a character figure to each day. The figures herein given have consequently been deduced from a study of the departure of each day's range from the normal range for the day supplemented by an eye examination of the magnetograms.

Month.	"0" days.	"1" days.	"2" days.	Mean character figure.
1926.				
January	5, 9, 10, 20, 21, 30	1, 2, 3, 4, 6, 7, 8, 11, 12, 14, 15, 16, 17, 19, 24, 25, 28, 29, 31.	13, 18, 22, 23, 26, 27.	1·00
February	5, 6, 7, 8, 9, 16, 19, 27	1, 2, 3, 4, 12, 13, 14, 15, 20, 21, 22, 25, 26, 28.	10, 11, 17, 18, 23, 24.	0·93
March	8, 13, 14, 15, 23, 25, 31	1, 3, 4, 6, 7, 10, 11, 12, 16, 17, 19, 20, 21, 22, 24, 26, 27, 28, 29, 30.	2, 5, 9, 18	0·90
April	1, 2, 3, 4, 5, 10, 11, 12, 18, 19, 20, 27, 28, 29, 30.	6, 7, 8, 9, 13, 16, 17, 21, 22, 23, 24, 25, 26.	14, 15	0·57
May	1, 2, 8, 14, 15, 16, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31.	3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 17, 18, 19, 20, 21.	0	0·48
June	3, 4, 5, 11, 12, 13, 16, 17, 18, 19, 20, 21, 22, 25, 26, 27, 30.	6, 7, 8, 9, 10, 14, 15, 23, 24, 28, 29.	1, 2	0·50
July	1, 3, 4, 6, 8, 9, 10, 11, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 25, 26, 29.	2, 5, 7, 12, 16, 24, 27, 28, 30	31	0·35
August	2, 4, 5, 6, 7, 8, 10, 11, 20, 21, 22, 23, 25, 26, 27, 28, 30.	1, 3, 9, 12, 14, 15, 16, 17, 18, 19, 24, 29, 31.	13	0·48
September	1, 2, 3, 4, 5, 26, 27, 28, 29, 30	6, 7, 10, 11, 12, 13, 17, 22, 23, 24, 25	8, 9, 14, 15, 16, 18, 19, 20, 21.	0·97
October	1, 5, 9, 10, 22, 23, 26, 27, 30, 31	2, 3, 4, 6, 7, 8, 11, 12, 13, 17, 18, 20, 21, 24, 28, 29.	14, 15, 16, 19, 25.	0·84
November	4, 5, 7, 8, 9, 10, 13, 14, 15, 16, 17, 25, 27	1, 2, 6, 11, 12, 18, 19, 20, 22, 23, 24, 26, 30.	3, 21, 28, 29	0·70
December	1, 5, 6, 7, 8, 9, 14, 19	2, 3, 4, 10, 11, 12, 13, 15, 16, 17, 18, 20, 21, 22, 24, 25, 26, 27, 28, 29, 30, 31.	23	0·77

The magnetic activity has on the whole progressively increased since the sunspot minimum year 1923, so that the year 1926 has been more active than 1925. January was the most active and July the most inactive month in the year.

Absolute observations and Base Line Values.

Declination.

Absolute observations of declination were made once a week with both the magnetometers No. 7 and No. 3, one after the other.

Base-line values are derived by converting the ordinates corresponding to absolute observations with instrument No. 7 into angles and subtracting the converted ordinates from the observed absolute declination. The values so obtained of the base-lines of the declination magnetograph denote westerly declination.

The adopted values are derived by taking overlapping means of 5 successive observations and reducing them to the proper epoch, values for intermediate days being obtained by simple interpolation.

Declination base-line values, 1926.

(0° *plus* tabular quantities.)

Date.	Observed.	Adopted.	Date.	Observed.	Adopted.	Date.	Observed.	Adopted.
	′	′		′	′		′	′
January 7 .	72·0 W	71·8 W	May 6 .	71·8 W	71·7 W	September 2 .	71·6 W	71·6 W
„ 15 .	71·8	72·0	„ 13 .	71·6	71·4	„ 9 .	71·4	71·6
„ 21 .	71·9	72·1	„ 20 .	71·0	71·2	„ 16 .	71·7	71·6
„ 28 .	72·3	72·3	„ 27 .	70·7	70·9	„ 23 .	71·4	71·6
February 4 .	72·6	72·4	June 3 .	70·7	70·7	„ 30 .	71·8	71·6
„ 12 .	72·8	72·5	„ 10 .	70·4	70·4	October 7 .	71·7	71·4
„ 18 .	72·6	72·5	„ 17 .	70·6	70·2	„ 14 .	71·2	71·3
„ 25 .	72·3	72·6	„ 24 .	69·5	70·1	„ 21 .	70·8	71·3
March 4 .	72·3	72·5	July 1 .	69·8	70·1	„ 28 .	71·3	71·2
„ 11 .	72·8	72·5	„ 9 .	70·2	70·2	November 3 .	71·4	71·3
„ 18 .	72·6	72·5	„ 15 .	70·5	70·5	„ 11 .	71·5	71·6
„ 25 .	72·3	72·4	„ 22 .	70·7	70·8	„ 18 .	71·5	71·8
April 1 .	72·3	72·3	„ 30 .	71·4	71·1	„ 25 .	72·3	72·0
„ 8 .	71·8	72·2	August 5 .	71·0	71·3	December 2 .	72·3	72·1
„ 15 .	72·4	72·1	„ 12 .	71·6	71·5	„ 9 .	72·2	72·2
„ 23 .	72·0	72·0	„ 19 .	71·6	71·5	„ 16 .	72·0	72·2
„ 29 .	72·0	72·0	„ 26 .	71·7	71·6	„ 24 .	72·4	72·3
						„ 30 .	72·4	72·5

Horizontal Force.

Absolute observations of horizontal force were made twice a week, on Mondays with instrument No. 3 and on Wednesdays with instrument No. 7. A day's observation comprise a double set of vibration and deflection experiments at three distances, which for No. 7 are 22·5 cms., 30 cms. and 40 cms. In calculating the base-line values the mean of the observed values at all the three distances has been adopted.

Base-line values are derived by converting the mean ordinates corresponding to absolute observations with instrument No. 7 in terms of γ and subtracting the converted ordinates from the mean observed absolute horizontal force. They are further reduced to a uniform temperature of 85° F. to make the series comparable from month to month and year to year.

The adopted values are derived by taking overlapping means of 5 successive double sets of observations and reducing them to the proper epoch, values for intermediate days being obtained by simple interpolation.

Horizontal force base-line values at 85° F., 1926.

Date.	Observed.	Adopted.	Date.	Observed.	Adopted.	Date.	Observed.	Adopted.
	γ	γ		γ	γ		γ	γ
January 6 .	36,744	36,744	May 5 .	36,743	36,745	September 1 .	36,730	36,735
„ 13 .	743	744	„ 12 .	749	746	„ 8 .	737	736
„ 20 .	743	745	„ 19 .	747	747	„ 15 .	740	737
„ 27	747	745	„ 26 .	743	748	„ 22 .	738	737
February 3 .	749	744	June 2 .	755	747	„ 29 .	738	737
„ 10 .	743	746	„ 9 .	747	746	October 6 .	733	737
„ 17 .	741	746	„ 16 .	745	746	„ 13 .	736	737
„ 24 .	748	746	„ 23 .	741	743	„ 20 .	739	737
March 3 .	751	746	„ 30 .	742	743	„ 27 .	739	738
„ 10 .	748	746	July 7 .	740	743	November 2 .	735	737
„ 17 .	742	747	„ 14 .	745	742	„ 10 .	739	737
„ 24 .	743	746	„ 21 .	748	742	„ 17 .	733	736
„ 31 .	749	744	„ 29 .	735	740	„ 24 .	735	736
April 7 .	745	743	August 4 .	741	738	December 1 .	739	735
„ 14 .	739	744	„ 11 .	731	735	„ 8 .	734	734
„ 22 .	739	743	„ 18 .	736	735	„ 14 .	736	733
„ 28 .	747	743	„ 25 .	733	734	„ 23 .	729	732
						„ 29 .	727	731

Vertical Force.

Dip observations were made every day in the year, with the exception of Sundays and holidays, each of the two inductor instruments being observed on alternate days.

Base-line values are derived by expressing the mean ordinates of V. F. magnetograms corresponding to the inclination observations in terms of γ and subtracting the converted ordinates from the absolute vertical force obtained by multiplying the value of H. F. at the time by the tangent of inclination given by Inductor observations. Values derived from Inductor No. 108 are reduced to those derived from Inductor No. 41 (which is the Observatory standard) by applying the mean correction for the month deduced from the comparative observations taken once a week.

The adopted values are derived by taking overlapping means of 7 successive observations and reducing them to the proper epoch, values for those days not given by this operation being obtained by interpolation.

Vertical force base-line values, 1926.

Date.	Observed.	Adopted.	Date.	Observed.	Adopted.	Date.	Observed.	Adopted.
	γ	γ		γ	γ		γ	γ
January 6 .	16,972	16,949	May 5 .	16,905	16,908	September 1 .	16,955	16,955
„ 13 .	929	926	„ 12 .	918	912	„ 8 .	918	934
„ 20 .	919	926	„ 19 .	903	904	„ 15 .	922	922
„ 27 .	929	929	„ 26 .	888	893	„ 22 .	945	943
February 3 .	917	920	June 2 .	878	890	„ 29 .	939	940
„ 10 .	956	958	„ 9 .	895	898	October 6 .	932	929
„ 17 .	945	947	„ 16 .	894	899	„ 13 .	928	919
„ 24 .	943	936	„ 23 .	910	908	„ 20 .	901	893
March 3 .	943	947	„ 30 .	893	904	„ 27 .	896	882
„ 10 .	902	933	July 7 .	939	926	November 3 .	848	857
„ 17 .	937	944	„ 13 .	946	942	„ 10 .	901	879
„ 24 .	958	963	„ 21 .	965	955	„ 17 .	873	884
„ 31 .	947	967	„ 28 .	939	938	„ 24 .	862	872
April 7 .	952	963	August 4 .	918	917	December 1 .	899	888
„ 14 .	974	945	„ 11 .	940	930	„ 8 .	905	903
„ 22 .	877	887	„ 18 .	940	944	„ 15 .	904	908
„ 28 .	897	899	„ 25 .	952	952	„ 22 .	925	912
						„ 29 .	877	898

Seismographs.

The Milne-Shaw Seismograph (N-S component) which was kept in continuous action in the underground constant temperature room gave very satisfactory records of earthquakes and microseisms during the year. The earthquakes and microseisms recorded by this instrument will be found tabulated towards the end of the volume. The locally constructed seismograph (N.-S. and E-W components) was kept in continuous operation during the year as an auxiliary instrument. The Omori-Ewing Seismograph (E-W component) was maintained in good condition, but was not kept in continuous action throughout the year.

Magnetic Storms.

In plates I, II, III, IV and V are reproduced disturbed magnetic records for days recommended for publication by the International Commission of Terrestrial Magnetism. The base-line values and scale coefficients are shown with each curve. The hourly breaks last for 2 to 3 minutes and the time shown against a break is the time for the middle of the break expressed in Greenwich mean time. Increasing ordinates for H. F. and V. F. curves mean increase in force, and for the declination curves increase in angle towards the east.

S. K. BANERJI,

Meteorologist, Bombay.

Colaba Observatory, Bombay,
The 6th September, 1929.

Meteorological Tables.

JANUARY. (Averages for periods of sixty minutes from full hour to full hour of local mean time.)

(IN INCHES OF MERCURY AT 32° F.)

Date.	Hours.													
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
1	29·971	29·952	29·944	29·941	29·946	29·951	29·975	29·994	30·024	30·025	30·011	29·981	29·954	29·924
2	·959	·942	·940	·932	·944	·956	·982	30·006	·033	·040	·030	30·004	·978	·950
3	·962	·940	·927	·910	·914	·917	·934	29·941	29·954	29·973	29·982	29·950	·922	·900
4	·936	·924	·908	·899	·908	·911	·936	·956	·978	·984	·980	·956	·930	·901
5	·978	·965	·966	·964	·976	·980	30·008	30·028	30·062	30·063	30·060	30·026	30·014	·992
6	30·014	30·001	·992	·973	·980	·989	·008	·019	·049	·049	·043	·014	29·977	·942
7	29·961	29·947	·942	·928	·925	·932	29·951	29·964	29·981	29·976	29·968	29·944	·919	·899
8	·940	·919	·909	·899	·910	·915	·941	·957	·995	·996	·993	·966	·927	·894
9	·936	·923	·923	·908	·919	·927	·954	·969	·994	30·000	·998	·967	·932	·893
10	·916	·906	·900	·894	·898	·902	·932	·958	·985	29·984	·980	·956	·933	·899
11	·929	·908	·896	·884	·890	·894	·920	·946	·974	·980	·978	·949	·917	·875
12	·915	·899	·892	·879	·887	·897	·922	·943	·981	·989	·991	·964	·935	·899
13	·942	·930	·920	·920	·924	·935	·964	·990	30·010	30·018	30·006	·977	·949	·915
14	·935	·913	·911	·899	·908	·917	·940	·956	29·979	29·979	29·978	·954	·929	·895
15	·945	·941	·939	·931	·931	·951	·979	30·011	30·041	30·049	30·056	30·040	30·014	·979
16	30·036	30·017	30·009	·992	30·005	30·021	30·049	·073	·101	·103	·107	·075	·041	·999
17	·000	29·987	29·980	·968	29·970	29·972	29·992	·012	·038	·043	·042	·010	29·979	·926
18	29·942	·930	·927	·916	·927	·935	·963	29·978	·992	·003	·002	29·982	·961	·932
19	·955	·941	·930	·913	·914	·926	·956	·980	·006	·010	·002	·971	·944	·915
20	·948	·936	·934	·925	·936	·938	·954	·978	·006	·012	·012	·986	·954	·918
21	·929	·916	·904	·894	·899	·998	·933	·949	29·978	29·984	29·979	·949	·919	·886
22	·905	·889	·885	·873	·883	·889	·916	·947	·984	·987	·987	·959	·935	·901
23	·939	·923	·920	·908	·917	·923	·942	·959	·995	30·001	30·001	·970	·950	·921
24	·939	·933	·929	·919	·917	·922	·949	·967	·998	·001	29·999	·971	·951	·917
25	·939	·925	·915	·905	·905	·909	·927	·950	·979	29·984	·989	·967	·946	·914
26	·931	·904	·897	·877	·884	·885	·917	·944	·980	·989	·995	·970	·939	·899
27	·951	·945	·939	·929	·938	·947	·973	30·007	30·041	30·049	30·045	30·023	·996	·971
28	30·018	·998	·979	·971	·978	·982	30·010	·030	·062	·070	·073	·046	30·022	·992
29	29·995	·979	·977	·949	·937	·944	·965	29·987	·028	·045	·039	·003	29·961	·933
30	·992	·972	·957	·943	·948	·949	·967	·982	·008	·011	·009	29·983	·967	·947
31	·945	·938	·940	·939	·943	·952	·975	30·003	·035	·040	·048	30·023	·996	·972
Mean.	29·955	29·940	29·933	29·922	29·928	29·935	29·959	29·980	30·009	30·014	30·012	29·985	29·958	29·926
Variation.	+·004	—·011	—·018	—·029	—·023	—·016	+·008	+·029	+·058	+·063	+·061	+·034	+·007	—·025

FEBRUARY.

1	29·998	29·981	29·979	29·969	29·978	29·989	30·009	30·031	30·063	30·068	30·064	30·037	30·012	29·984
2	·965	·945	·935	·920	·922	·931	29·953	29·967	29·985	29·985	29·981	29·948	29·922	·897
3	·909	·894	·887	·883	·895	·914	·944	·966	·993	30·002	30·001	·972	·946	·920
4	·959	·948	·946	·948	·964	·976	30·014	30·049	30·073	·074	·072	30·044	30·006	·976
5	30·001	·980	·975	·962	·969	·973	29·992	·003	·019	·018	·013	29·986	29·957	·923
6	29·947	·937	·930	·918	·928	·935	·962	29·985	·014	·019	·020	·995	·968	·937
7	·957	·939	·925	·915	·916	·923	·949	·968	29·995	·007	·008	·988	·967	·932
8	·938	·914	·907	·905	·902	·905	·930	·942	·967	29·972	29·968	·943	·918	·878
9	·892	·879	·866	·849	·849	·856	·887	·909	·933	·944	·914	·923	·897	·863
10	·933	·919	·903	·896	·898	·905	·937	·965	·994	30·012	30·009	·978	·949	·911
11	·936	·916	·910	·899	·910	·919	·939	·949	·979	29·992	29·994	·971	·940	·913
12	·941	·917	·907	·905	·918	·920	·950	·971	·999	30·007	30·006	·985	·959	·921
13	·940	·927	·920	·914	·919	·923	·948	·969	·995	·004	·008	·986	·969	·927
14	·920	·897	·890	·886	·896	·906	·933	·950	·980	29·994	29·994	·970	·949	·918
15	·928	·918	·913	·903	·916	·932	·957	·975	·996	30·001	·998	·969	·941	·902
16	·913	·895	·891	·883	·889	·895	·925	·948	·973	29·979	·984	·967	·956	·929
17	·917	·888	·873	·860	·882	·909	·939	·957	·984	·994	·993	·964	·937	·899
18	·930	·904	·892	·873	·887	·895	·918	·939	·964	·970	·971	·942	·909	·882
19	·918	·892	·878	·869	·880	·889	·913	·935	·966	·968	·965	·939	·912	·879
20	·907	·884	·874	·861	·869	·879	·905	·926	·956	·958	·957	·929	·902	·872
21	·888	·873	·865	·852	·860	·874	·903	·927	·954	·957	·955	·931	·910	·875
22	·905	·888	·881	·873	·884	·900	·923	·942	·968	·969	·963	·942	·918	·878
23	·900	·890	·891	·888	·892	·905	·930	·952	·984	·990	·989	·955	·920	·881
24	·892	·876	·875	·870	·883	·895	·923	·938	·957	·965	·964	·936	·910	·874
25	·888	·875	·875	·871	·879	·895	·923	·945	·969	·975	·973	·948	·925	·899
26	·934	·919	·910	·909	·919	·932	·960	·975	30·000	30·060	·989	·954	·923	·892
27	·919	·901	·896	·890	·891	·902	·924	·945	29·971	29·977	·978	·955	·931	·907
28	·912	·895	·884	·868	·868	·874	·898	·914	·937	·940	·937	·910	·885	·856
Mean.	29·928	29·910	29·903	29·894	29·902	29·913	29·939	29·959	29·985	29·991	29·989	29·963	29·937	29·904
Variation.	+·003	—·015	—·022	—·031	—·023	—·012	+·014	+·034	+·060	+·066	+·064	+·038	+·012	—·021

JANUARY. (Averages for periods of sixty minutes from full hour to full hour of local mean time.)

(IN INCHES OF MERCURY AT 32° F.)

Hours. 14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.	Maximum. Time.	Maximum. Mag.	Minimum. Time.	Minimum. Mag.	Date.
											H. M.		H. M.		
29·914	29·904	29·915	29·920	29·936	29·947	29·968	29·976	29·981	29·969	29·959	9 8	30·029	15 16	29·901	1
·939	·930	·917	·953	·977	·982	·989	·986	·982	·965	·973	9 42	·049	15 15	·921	2
·889	·836	·900	·907	·933	·947	·962	·956	·961	·946	·934	9 35	29·991	15 25	·877	3
·895	·894	·908	·920	·918	·965	·988	·992	·990	·981	·941	21 14	·997	14 31	·883	4
·972	·961	·960	·964	·990	30·001	30·018	30·016	30·021	30·015	30·000	9 34	30·075	16 0	·958	5
·931	·916	·924	·929	·951	29·966	29·981	29·979	29·982	29·969	29·982	8 45	·054	15 45	·908	6
·884	·874	·884	·893	·918	·938	·960	·960	·958	·943	·935	8 45	29·987	15 17	·867	7
·878	·855	·863	·875	·904	·926	·945	·948	·958	·945	·927	9 36	30·004	16 0	·846	8
·875	·866	·872	·883	·907	·915	·933	·935	·937	·918	·929	9 32	·008	15 16	·858	9
·890	·881	·890	·898	·917	·932	·953	·955	·951	·932	·927	10 16	29·987	15 16	·865	10
·858	**·839**	·858	·863	·890	·913	·922	·920	·923	·914	**·910**	9 29	·991	15 40	**·837**	11
·879	·869	·879	·877	·898	·919	·949	·957	·962	·953	·922	9 24	30·004	14 36	·860	12
·894	·883	·894	·896	·916	·931	·956	·960	·962	·946	·943	9 0	·029	15 30	·879	13
·877	·863	·866	·877	·904	·923	·949	·953	·957	·946	·925	8 51	29·992	15 35	·856	14
·963	·949	·950	·963	·979	30·009	30·033	30·037	30·044	30·037	·990	10 25	30·062	4 0	·922	15
·975	·955	·959	·957	·977	29·963	·016	·019	·017	·003	**30·021**	9 38	**·114**	16 0	·950	16
·916	·896	·890	·894	·920	·932	29·953	29·960	29·962	29·946	29·966	9 26	·061	16 14	·883	17
·917	·898	·902	·914	·938	·954	·970	·972	·975	·961	·950	9 36	·017	15 35	·889	18
·898	·888	·904	·914	·941	·951	·968	·972	·971	·956	·947	9 16	·021	14 58	·881	19
·899	·884	·893	·904	·928	·934	·949	·944	·946	·933	·944	9 37	·025	15 35	·875	20
·863	·848	·849	·847	·871	·886	·913	·917	·924	·914	·911	9 41	29·992	16 0	·842	21
·885	·872	·875	·877	·902	·923	·950	·954	·956	·941	·920	9 10	30·002	17 9	·866	22
·903	·888	·887	·891	·913	·925	·947	·949	·956	·942	·936	9 30	·014	16 17	·878	23
·902	·887	·887	·887	·905	·917	·941	·947	·950	·939	·936	9 35	·014	16 0	·874	24
·892	·872	·877	·883	·907	·921	·952	·955	·957	·940	·930	9 40	29·998	16 8	·866	25
·879	·866	·875	·880	·908	·923	·941	·949	·957	·951	·923	10 0	30·002	15 0	·860	26
·957	·949	·951	·957	·984	30·007	30·030	30·037	30·041	30·031	·987	9 10	·060	3 51	·926	27
·978	·964	·966	·976	·988	·005	·026	·024	·022	·007	30·008	9 25	·081	16 19	·953	28
·917	·914	·918	·942	·972	29·981	29·997	29·991	29·993	29·985	29·973	9 25	·062	15 18	·906	29
·922	·911	·915	·920	·931	·938	·950	·951	·953	·946	·957	9 17	·023	16 28	·906	30
·962	·948	·959	·965	·977	·991	30·006	30·014	30·017	30·004	·983	10 0	·057	4 14	·929	31
29·910	**29·897**	29·904	29·911	29·933	29·948	29·968	29·971	29·973	29·961	29·951					Mean.
—·041	**—·054**	—·047	—·010	—·018	—·003	+·017	+·020	+·022	+·010						Variation.

FEBRUARY.

29·969	29·957	29·963	29·967	29·983	29·994	30·007	30·002	29·999	29·979	**29·999**	9 36	30·082	15 41	29·944	1
·880	·862	·853	·868	·894	·904	29·916	29·913	·916	·910	·924	9 16	29·994	16 0	·852	2
·914	·910	·919	·926	·941	·918	·966	·966	·970	·963	·940	9 45	30·014	3 10	·876	3
·954	·940	·954	·961	·986	·999	30·023	30·029	30·031	30·008	·997	9 30	**·086**	15 44	·936	4
·912	·897	·902	·911	·932	·949	29·967	29·969	29·969	29·958	·964	9 15	·031	16 0	·889	5
·923	·914	·916	·919	·935	·950	·972	·971	·976	·970	·956	9 15	·033	16 0	·903	6
·913	·902	·900	·901	·919	·935	·948	·953	·957	·955	·945	9 44	·017	16 50	·891	7
·856	·840	·840	·840	·860	·880	·912	·917	·920	·907	·907	11 26	29·980	16 0	·839	8
·849	·844	·849	·861	·884	·908	·934	·943	·951	·943	·894	22 0	·957	16 0	·833	9
·886	·867	·871	·874	·899	·914	·912	·945	·954	·914	·929	9 51	30·029	15 40	·858	10
·892	·869	·879	·887	·909	·932	·964	·967	·970	·955	·933	9 15	·004	15 55	·858	11
·895	·874	·879	·885	·901	·918	·943	·945	·953	·943	·935	9 35	·017	16 0	·863	12
·905	·887	·888	·892	·908	·920	·945	·943	·942	·929	·937	9 36	·020	16 24	·872	13
·894	·873	·882	·882	·904	·922	·944	·947	·952	·936	·926	9 36	·006	15 12	·866	14
·881	·859	·869	·885	·909	·930	·945	·941	·941	·922	·930	9 30	·014	15 30	·846	15
·914	·896	·901	·904	·918	·931	·944	·940	·944	·929	·927	9 50	29·993	4 21	·875	16
·880	·864	·865	·883	·913	·932	·948	·950	·955	·940	·922	9 48	30·069	3 52	·851	17
·860	·849	·862	·871	·894	·910	·929	·932	·943	·929	·911	9 40	29·984	15 40	·840	18
·865	·851	·857	·869	·890	·901	·924	·928	·933	·918	·906	9 30	·988	16 11	·844	19
·845	**·826**	·839	·844	·863	·879	·895	·898	·907	·893	·890	9 30	·973	16 0	·823	20
·857	·841	·854	·865	·886	·902	·922	·921	·917	·908	·896	9 35	·966	15 20	·830	21
·854	·831	·829	·836	·863	·877	·900	·905	·914	·904	·898	9 20	·978	16 0	**·812**	22
·860	·846	·844	·844	·864	·877	·891	·895	·904	·899	·904	9 38	30·012	16 18	·838	23
·849	·830	·837	·843	·858	·872	·889	·894	·901	·888	·892	9 40	29·976	16 0	·816	24
·883	·863	·854	·861	·888	·908	·938	·942	·948	·937	·911	9 34	·985	16 35	·837	25
·869	·853	·857	·862	·879	·888	·908	·916	·927	·919	·921	8 35	30·007	4 0	·839	26
·894	·880	·883	·880	·889	·901	·916	·923	·925	·922	·917	9 14	29·984	16 50	·864	27
·839	·828	·830	·831	·847	·861	·885	·891	·901	·893	**·883**	9 29	·954	15 41	·812	28
29·886	**29·870**	29·875	29·881	29·901	29·916	29·936	29·939	29·944	29·932	29·925					
—·039	**—·055**	—·050	—·044	—·024	—·009	+·011	+·014	+·019	+·007						

MARCH. (Averages for periods of sixty minutes from full hour to full hour of local mean time.)

(IN INCHES OF MERCURY AT 32° F.)

Date.	Hours.													
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
1	29·886	29·868	29·864	29·849	29·861	29·871	29·901	29·923	29·951	29·961	29·960	29·934	29·907	29·878
2	·869	·853	·844	·839	·840	·848	·878	·900	·921	·924	·912	·898	·877	·849
3	·865	·856	·858	·850	·861	·868	·892	·911	·938	·942	·947	·924	·910	·881
4	·911	·894	·887	·871	·876	·884	·908	·929	·956	·966	·968	·948	·929	·908
5	·923	·900	·898	·890	·909	·913	·936	·954	·976	·980	·982	·962	·936	·901
6	·897	·874	·864	·850	·847	·854	·877	·892	·917	·922	·922	·897	·865	·836
7	·847	·836	·830	·820	·827	·839	·866	·894	·919	·930	·937	·925	·913	·898
8	·959	·943	·938	·935	·953	·961	·986	30·005	30·017	30·019	30·020	·996	·970	·953
9	·956	·933	·923	·908	·916	·930	·962	29·979	29·998	·003	·000	·966	·932	·897
10	·886	·865	·851	·843	·855	·862	·884	·900	·924	29·931	29·934	·920	·892	·868
11	·909	·901	·899	·887	·890	·906	·936	·948	·969	·972	·967	·939	·911	·878
12	·892	·876	·867	·852	·860	·870	·895	·922	·950	·955	·959	·940	·913	·877
13	·916	·892	·894	·876	·887	·897	·931	·944	·957	·960	·953	·929	·911	·875
14	·913	·900	·889	·881	·880	·907	·930	·949	·965	·976	·986	·979	·960	·928
15	·966	·939	·933	·919	·933	·942	·958	·968	·991	·988	·986	·963	·941	·911
16	·925	·900	·883	·878	·892	·900	·924	·944	·966	·970	·961	·937	·911	·885
17	·929	·912	·903	·892	·892	·896	·913	·928	·945	·946	·943	·919	·899	·878
18	·892	·878	·873	·863	·857	·880	·897	·914	·937	·936	·941	·921	·898	·870
19	·884	·865	·862	·855	·873	·890	·916	·935	·954	·959	·962	·939	·915	·893
20	·941	·925	·917	·910	·923	·938	·961	·984	30·011	30·014	30·016	·992	·974	·952
21	·915	·895	·885	·873	·882	·892	·915	·939	29·966	29·976	29·984	·960	·945	·912
22	·910	·892	·886	·865	·870	·871	·899	·911	·933	·939	·944	·921	·897	·874
23	·875	·855	·845	·835	·848	·864	·907	·931	·951	·947	·945	·931	·913	·885
24	·949	·942	·934	·921	·926	·937	·962	·982	·994	·989	·981	·966	·937	·905
25	·951	·933	·919	·905	·910	·923	·947	·961	·977	·971	·969	·940	·916	·889
26	·897	·881	·871	·859	·879	·888	·909	·919	·933	·928	·922	·897	·877	·846
27	·866	·852	·846	·839	·851	·861	·890	·915	·941	·946	·950	·929	·909	·882
28	·913	·894	·891	·893	·909	·926	·947	·964	·988	·992	·989	·969	·947	·918
29	·904	·884	·872	·870	·879	·890	·911	·934	·951	·952	·944	·921	·893	·860
30	·854	·833	·823	·816	·844	·854	·871	·887	·906	·910	·910	·887	·866	·836
31	·853	·837	·834	·824	·835	·847	·879	·897	·917	·924	·927	·912	·894	·864
Mean	29·905	29·887	29·880	29·870	29·880	29·891	29·916	29·934	29·955	29·959	29·959	29·937	29·915	29·887
Variation	+·004	—·014	—·021	—·031	—·021	—·010	+·015	+·033	+·054	+·058	+·058	+·036	+·014	—·014

APRIL.

1	29·885	29·867	29·860	29·852	29·862	29·866	29·882	29·903	29·923	29·922	29·926	29·902	29·880	29·845
2	·889	·871	·864	·848	·854	·855	·874	·892	·902	·906	·911	·888	·871	·833
3	·856	·840	·833	·822	·833	·851	·879	·894	·918	·922	·920	·904	·890	·865
4	·909	·880	·865	·856	·868	·874	·897	·915	·933	·949	·954	·939	·913	·877
5	·883	·867	·850	·843	·859	·871	·902	·928	·942	·944	·944	·928	·905	·874
6	·890	·870	·849	·844	·852	·865	·887	·906	·929	·929	·930	·907	·889	·859
7	·897	·879	·865	·850	·864	·873	·893	·913	·926	·925	·926	·906	·887	·850
8	·856	·831	·820	·810	·816	·829	·855	·866	·894	·898	·899	·881	·857	·824
9	·869	·844	·835	·823	·829	·839	·863	·881	·910	·910	·909	·881	·856	·824
10	·834	·820	·810	·802	·801	·815	·835	·850	·867	·869	·869	·853	·832	·807
11	·816	·788	·766	·745	·752	·762	·782	·804	·830	·830	·836	·817	·800	·772
12	·792	·776	·767	·761	·777	·794	·817	·844	·872	·873	·874	·862	·844	·818
13	·818	·802	·798	·788	·794	·806	·829	·848	·868	·854	·857	·840	·824	·796
14	·835	·818	·808	·797	·800	·815	·844	·864	·880	·880	·886	·877	·862	·838
15	·865	·843	·835	·831	·845	·855	·887	·904	·921	·920	·919	·899	·879	·844
16	·828	·812	·808	·798	·814	·825	·852	·862	·880	·879	·882	·868	·854	·827
17	·844	·828	·823	·823	·844	·860	·884	·902	·915	·916	·917	·912	·901	·890
18	·903	·894	·891	·877	·888	·894	·922	·933	·951	·950	·955	·942	·931	·903
19	·893	·882	·866	·862	·872	·884	·903	·917	·941	·942	·941	·926	·912	·870
20	·869	·855	·851	·845	·858	·860	·879	·896	·917	·919	·919	·910	·902	·881
21	·934	·923	·914	·904	·918	·923	·947	·958	·984	·986	·990	·981	·970	·945
22	·966	·952	·944	·936	·948	·958	·977	·995	30·020	30·020	30·020	30·004	·986	·954
23	·946	·932	·924	·914	·929	·934	·952	·965	29·984	29·984	29·981	29·960	·929	·885
24	·926	·910	·903	·895	·897	·898	·919	·929	·942	·938	·933	·912	·891	·862
25	·911	·895	·893	·875	·869	·867	·893	·903	·918	·913	·913	·892	·875	·849
26	·890	·869	·858	·840	·857	·869	·891	·908	·928	·917	·910	·887	·868	·839
27	·860	·848	·838	·820	·819	·826	·848	·866	·873	·869	·866	·852	·836	·807
28	·825	·804	·794	·787	·797	·797	·816	·832	·854	·852	·847	·828	·808	·782
29	·793	·777	·771	·761	·779	·787	·809	·833	·863	·867	·865	·850	·841	·809
30	·835	·819	·812	·814	·823	·827	·843	·863	·895	·897	·892	·873	·863	·835
Mean.	29·871	29·853	29·844	29·834	29·844	29·853	29·875	29·892	29·913	29·913	29·913	29·896	29·879	29·849
Variation	+·008	—·010	—·019	—·029	—·019	—·010	+·012	+·029	+050	+·050	+050	+·033	+·016	—·014

MARCH. (Averages for periods of sixty minutes from full hour to full hour of local mean time.)

(IN INCHES OF MERCURY AT 32° F.)

Hours. 14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.	Maximum. Time.	Maximum. Mag.	Minimum. Time.	Minimum. Mag.	Date.
											H. M.		H. M.		
29·862	29·849	29·845	29·849	29·862	29·875	29·889	29·891	29·893	29·882	29·888	9 25	29·974	16 44	29·834	1
·830	·812	·804	·806	·828	·842	·864	·863	·870	·862	·860	9 16	·933	16 8	·791	2
·860	·843	·844	·847	·868	·885	·910	·915	·920	·913	·888	9 50	·959	16 0	·831	3
·892	·870	·872	·880	·900	·913	·940	·948	·952	·936	·914	10 0	·976	16 0	·864	4
·878	·855	·856	·857	·862	·877	·901	·907	·912	·909	·911	9 47	·991	15 44	·847	5
·817	·794	·802	·804	·825	·830	·853	·858	·862	·854	·859	9 38	·933	16 26	·791	6
·887	·875	·889	·900	·921	·934	·962	·968	·973	·965	·898	21 25	·983	4 0	·815	7
·930	·902	·918	·914	·930	·942	·961	·965	·969	·961	·960	10 0	30·031	15 14	·889	8
·861	·834	·851	·834	·854	·861	·877	·888	·897	·892	·914	9 25	·013	16 20	·815	9
·850	·832	·842	·846	·870	·883	·901	·904	·913	·900	·881	9 21	29·943	16 10	·822	10
·854	·833	·830	·841	·866	·884	·894	·896	·902	·899	·900	9 5	·989	16 0	·817	11
·854	·833	·844	·857	·888	·893	·914	·917	·929	·917	·895	9 10	·970	15 45	·816	12
·860	·847	·854	·861	·881	·899	·918	·928	·928	·921	·905	9 36	·970	15 36	·838	13
·912	·896	·899	·901	·928	·943	·966	·968	·982	·969	·934	10 0	·990	3 45	·870	14
·897	·885	·891	·890	·911	·924	·941	·940	·949	·936	·938	9 10	30·001	16 55	·881	15
·872	·866	·862	·868	·885	·900	·923	·931	·938	·935	·911	9 16	29·988	16 0	·856	16
·860	·854	·857	·858	·876	·889	·904	·905	·907	·891	·900	8 55	·950	16 15	·845	17
·857	·849	·867	·859	·876	·886	·904	·905	·911	·894	·891	8 56	·950	15 0	·844	18
·884	·877	·887	·891	·916	·928	·946	·948	·953	·944	·914	9 35	·974	4 0	·848	19
·926	·908	·905	·905	·916	·917	·929	·936	·944	·930	·945	9 10	30·024	3 31	·899	20
·891	·867	·871	·879	·894	·907	·926	·928	·936	·919	·915	10 0	29·994	16 0	·856	21
·858	·839	·846	·846	·861	·873	·887	·886	·891	·883	·887	9 26	·951	15 45	·829	22
·863	·814	·858	·861	·879	·892	·915	·922	·937	·941	·893	8 30	·961	2 30	·833	23
·882	·862	·869	·882	·899	·916	·942	·947	·957	·953	·935	8 0	·998	16 0	·856	24
·869	·852	·856	·860	·879	·901	·921	·922	·931	·916	·917	8 22	·987	16 0	·843	25
·821	·805	·808	·807	·827	·845	·868	·873	·880	·868	·871	8 0	·939	16 0	·800	26
·867	·856	·861	·879	·895	·909	·925	·927	·931	·925	·894	9 15	·959	3 10	·833	27
·900	·880	·880	·884	·896	·912	·925	·932	·938	·921	·925	9 10	30·005	16 15	·863	28
·841	·826	·822	·823	·834	·842	·851	·854	·868	·862	·879	8 47	29·970	16 20	·814	29
·818	·802	·805	·811	·834	·843	·858	·863	·869	·860	·853	9 30	·924	16 0	·794	30
·838	·814	·812	·822	·841	·852	·874	·879	·889	·885	·865	9 0	·930	16 0	·802	31
29·867	29·850	29·854	29·859	29·877	29·890	29·909	29·913	29·920	29·911	29·901					Mean.
—·034	—·051	—·047	—·042	—·024	—·011	+·008	+·012	+·019	+·010						Variation.

APRIL.

29·829	29·813	29·815	29·817	29·847	29·861	29·876	29·890	29·900	29·893	29·871	8 17	29·932	15 35	29·812	1
·822	·812	·819	·821	·837	·841	·855	·867	·884	·871	·862	9 0	·912	15 40	·812	2
·857	·834	·840	·852	·877	·892	·911	·918	·934	·922	·878	22 20	·937	3 42	·819	3
·871	·853	·853	·852	·865	·876	·890	·891	·894	·888	·890	9 26	·956	16 0	·850	4
·856	·835	·842	·844	·867	·876	·894	·900	·906	·898	·886	9 0	·945	15 32	·833	5
·843	·827	·833	·841	·865	·881	·898	·909	·914	·902	·880	9 0	·932	16 15	·826	6
·824	·804	·796	·800	·831	·847	·870	·868	·877	·865	·868	8 5	·928	16 46	·795	7
·814	·800	·811	·821	·844	·858	·874	·888	·895	·879	·851	9 38	·905	15 22	·790	8
·815	·794	·791	·796	·817	·833	·850	·860	·864	·853	·848	8 45	·911	17 0	·791	9
·795	·781	·779	·789	·812	·826	·845	·845	·852	·838	·826	8 45	·871	16 30	·779	10
·760	·751	·757	·763	·778	·788	·803	·813	·817	·804	·789	8 41	·837	15 10	·743	11
·797	·785	·778	·790	·801	·807	·821	·826	·835	·826	·814	9 0	·879	3 0	·757	12
·790	·778	·774	·778	·793	·804	·815	·829	·837	·840	·815	8 30	·869	16 34	·773	13
·823	·806	·811	·812	·834	·848	·874	·879	·882	·869	·843	21 12	·889	4 0	·793	14
·818	·809	·796	·795	·815	·823	·841	·837	·845	·835	·852	9 3	·924	16 20	·794	15
·800	·778	·766	·767	·780	·807	·832	·847	·850	·850	·828	8 45	·883	16 52	·765	16
·862	·844	·852	·862	·889	·896	·921	·927	·934	·913	·882	21 10	·935	2 15	·817	17
·882	·872	·877	·885	·906	·915	·927	·929	·928	·908	·911	9 0	·957	16 15	·871	18
·860	·843	·829	·831	·851	·857	·868	·876	·885	·876	·883	9 0	·943	16 46	·829	19
·865	·848	·853	·862	·894	·905	·926	·931	·948	·943	·889	22 5	·950	3 56	·844	20
·927	·911	·910	·910	·925	·939	·961	·975	·984	·972	·945	9 27	·994	3 26	·904	21
·932	·914	·907	·908	·923	·934	·946	·955	·966	·953	·959	9 0	30·023	16 0	·903	22
·868	·848	·846	·852	·868	·882	·904	·918	·932	·932	·920	9 0	29·987	16 0	·845	23
·851	·832	·833	·836	·870	·884	·910	·915	·925	·918	·897	8 0	·945	16 32	·831	24
·825	·814	·816	·827	·847	·859	·881	·891	·904	·897	·876	8 5	·918	16 15	·812	25
·820	·808	·807	·817	·836	·848	·868	·878	·882	·871	·865	8 10	·933	16 12	·803	26
·787	·767	·761	·766	·794	·796	·818	·830	·838	·832	·826	8 11	·873	16 0	·759	27
·764	·748	·748	·747	·766	·778	·798	·810	·817	·805	·800	8 35	·857	17 15	·745	28
·787	·772	·767	·773	·789	·809	·833	·841	·851	·840	·811	9 15	·874	3 5	·756	29
·818	·802	·797	·802	·813	·819	·840	·849	·855	·846	·839	9 2	·899	16 11	·796	30
29·832	29·816	29·815	29·821	29·841	29·853	29·872	29·880	29·888	29·878	29·863					Mean.
—·031	—·047	—·048	—·042	—·022	—·010	+·009	+·017	+·025	+·015						Variation.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MAY. (IN INCHES OF MERCURY AT 32° F.)

Date.	Hours. 0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
1	29·831	29·821	29·831	29·823	29·827	29·835	29·855	29·876	29·897	29·903	29·905	29·885	29·868	29·829
2	·861	·838	·831	·806	·810	·809	·829	·836	·865	·866	·867	·854	·841	·807
3	·828	·808	·795	·777	·778	·786	·820	·846	·862	·858	·866	·850	·836	·808
4	·829	·806	·806	·801	·812	·820	·839	·854	·866	·867	·865	·849	·829	·797
5	·784	·771	·760	·756	·774	·788	·825	·846	·863	·861	·860	·839	·823	·789
6	·801	·787	·783	·787	·805	·816	·837	·849	·868	·869	·870	·857	·835	·806
7	·805	·779	·771	·773	·797	·814	·848	·860	·889	·889	·887	·869	·859	·829
8	·806	·791	·784	·770	·782	·788	·808	·820	·841	·840	·834	·817	·800	·752
9	·769	·755	·751	·741	·755	·766	·802	·807	·825	·823	·827	·797	·782	·757
10	·756	·735	·725	·715	·727	·735	·759	·777	·799	·797	·798	·801	·771	·737
11	·738	·722	·719	·712	·721	·738	·768	·774	·793	·792	·783	·759	·745	·715
12	·710	·720	·714	·724	·751	·761	·786	·785	·801	·797	·800	·791	·775	·746
13	·752	·745	·743	·748	·761	·779	·806	·822	·837	·836	·835	·823	·806	·754
14	·736	·723	·718	·713	·726	·729	·754	·764	·785	·783	·783	·766	·748	·717
15	·733	·725	·721	·719	·730	·743	·772	·783	·796	·796	·800	·795	·788	·766
16	·749	·737	·735	·729	·738	·754	·783	·790	·811	·811	·813	·798	·789	·761
17	·796	·786	·782	·776	·791	·798	·807	·819	·827	·827	·828	·813	·806	·774
18	·824	·806	·804	·796	·813	·810	·834	·836	·858	·853	·857	·832	·807	·773
19	·798	·788	·788	·777	·794	·795	·817	·821	·848	·845	·848	·825	·811	·772
20	·792	·785	·777	·770	·780	·792	·815	·823	·840	·836	·840	·830	·820	·795
21	·806	·785	·775	·769	·777	·787	·813	·829	·844	·859	·858	·839	·818	·791
22	·825	·800	·793	·778	·789	·792	·829	·839	·850	·848	·853	·836	·819	·788
23	·772	·752	·740	·736	·748	·760	·789	·799	·826	·819	·820	·810	·804	·776
24	·786	·764	·751	·747	·767	·773	·802	·817	·827	·826	·827	·813	·799	·776
25	·737	·714	·705	·700	·710	·726	·759	·766	·784	·781	·789	·781	·772	·756
26	·762	·742	·734	·739	·744	·760	·784	·806	·834	·836	·842	·834	·830	·802
27	·788	·774	·773	·758	·768	·774	·800	·812	·840	·844	·846	·840	·827	·806
28	·788	·764	·766	·762	·780	·787	·812	·817	·832	·832	·828	·809	·798	·774
29	·783	·770	·774	·773	·789	·792	·818	·824	·840	·836	·840	·828	·810	·790
30	·784	·772	·778	·779	·792	·807	·834	·850	·867	·870	·872	·854	·838	·810
31	·823	·813	·815	·808	·823	·831	·858	·865	·879	·869	·863	·845	·835	·805
Mean	29·787	29·770	29·766	29·760	29·773	29·782	29·808	29·820	29·839	29·838	29·839	29·824	29·809	29·779
Variation	+ ·002	— ·015	— ·019	— ·025	— ·012	— ·003	+ ·023	+ ·035	+ ·054	+ ·053	+ ·054	+ ·039	+ ·024	— ·006

JUNE.

1	28·811	29·799	29·798	29·794	29·802	29·815	29·834	29·847	29·867	29·867	29·863	29·845	29·833	29·813
2	·806	·799	·789	·783	·793	·793	·817	·823	·811	·842	·844	·825	·813	·795
3	·767	·745	·744	·741	·745	·747	·770	·789	·805	·811	·814	·802	·789	·764
4	·755	·743	·736	·738	·746	·758	·786	·798	·815	·820	·819	·812	·805	·786
5	·792	·770	·761	·754	·766	·772	·797	·807	·824	·825	·829	·823	·815	·791
6	·802	·790	·790	·792	·803	·816	·835	·846	·867	·869	·864	·847	·838	·819
7	·825	·804	·793	·791	·795	·799	·819	·830	·838	·832	·825	·810	·801	·781
8	·730	·727	·730	·721	·728	·724	·735	·741	·754	·751	·748	·732	·720	·711
9	·713	·694	·688	·687	·695	·698	·713	·716	·727	·728	·730	·714	·702	·682
10	·644	·626	·636	·632	·640	·624	·663	·685	·699	·696	·694	·679	·653	·626
11	·676	·632	·633	·612	·618	·619	·646	·663	·686	·688	·686	·671	·659	·637
12	·639	·603	·582	·581	·586	·595	·614	·624	·635	·635	·630	·614	·608	·593
13	·606	·584	·570	·569	·588	·587	·607	·620	·635	·633	·636	·633	·625	·609
14	·622	·610	·597	·590	·592	·602	·622	·625	·638	·642	·648	·640	·644	·633
15	·644	·627	·620	·620	·633	·643	·655	·677	·696	·706	·711	·697	·692	·678
16	·685	·663	·633	·652	·652	·662	·686	·698	·710	·710	·713	·703	·690	·675
17	·644	·626	·623	·623	·632	·637	·663	·676	·699	·703	·713	·705	·699	·681
18	·639	·615	·613	·603	·698	·609	·635	·642	·655	·658	·660	·646	·637	·617
19	·643	·622	·614	·608	·619	·628	·650	·655	·675	·682	·687	·673	·662	·641
20	·676	·656	·651	·646	·659	·669	·695	·708	·720	·722	·739	·712	·702	·690
21	·690	·666	·664	·654	·666	·669	·692	·700	·718	·721	·722	·712	·702	·683
22	·702	·683	·678	·677	·681	·690	·716	·734	·737	·740	·737	·725	·715	·685
23	·704	·688	·680	·668	·675	·685	·701	·709	·721	·721	·719	·707	·699	·685
24	·712	·694	·695	·685	·700	·712	·737	·746	·756	·754	·751	·732	·719	·697
25	·701	·682	·682	·670	·671	·672	·693	·705	·716	·716	·714	·702	·687	·658
26	·668	·654	·641	·636	·651	·660	·663	·658	·669	·672	·682	·679	·665	·633
27	·655	·643	·630	·618	·620	·621	·642	·652	·650	·643	·642	·630	·612	·582
28	·635	·613	·604	·583	·590	·594	·622	·627	·649	·650	·658	·647	·627	·611
29	·632	·617	·615	·608	·618	·624	·640	·651	·664	·665	·667	·664	·658	·637
30	·634	·613	·607	·599	·606	·612	·626	·631	·636	·633	·635	·622	·610	·589
Mean	29·696	29·676	29·671	29·665	29·673	29·678	29·699	29·709	29·723	29·725	29·726	29·713	29·703	29·683
Variation	+ ·009	— ·011	— ·016	— ·022	— ·014	— ·009	+ ·012	+ ·022	+ ·036	+ ·038	+ ·039	+ ·026	+ ·016	— ·004

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MAY. (IN INCHES OF MERCURY AT 32° F.)

Hours.										Mean.	Maximum.		Minimum.		Date.
14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		Time.	Mag.	Time.	Mag.	
											H. M.		H. M.		
29·802	29·775	29·769	29·769	29·799	29·813	29·843	29·857	29·866	29·860	**29·839**	9 0	**29·906**	16 50	29·764	1
·777	·743	·740	·754	·790	·823	·846	·831	·844	·834	·821	11 0	·874	16 21	·738	2
·785	·773	·765	·764	·781	·788	·812	·827	·837	·836	·812	10 0	·867	16 0	·763	3
·777	·760	·754	·759	·775	·787	·809	·810	·814	·798	·812	9 0	·871	16 0	·753	4
·768	·749	·746	·744	·761	·769	·791	·805	·809	·801	·795	8 54	·864	17 0	·744	5
·787	·770	·769	·771	·785	·804	·827	·829	·835	·823	·815	8 45	·872	16 0	·768	6
·808	·783	·775	·775	·799	·804	·824	·832	·839	·829	·823	8 10	·892	2 28	·770	7
·732	·716	·712	·728	·752	·766	·784	·784	·788	·776	·783	8 41	·843	16 15	·709	8
·731	·703	·693	·707	·733	·743	·757	·765	·776	·764	·764	8 42	·830	16 30	·690	9
·714	·685	**·673**	·674	·688	·703	·725	·735	·750	·737	·738	8 46	·804	16 58	**·670**	10
·710	·689	·681	·677	·695	·703	·732	·737	·750	·745	·733	8 15	·794	17 10	·676	11
·723	·701	·688	·679	·694	·711	·737	·759	·773	·765	·747	8 35	·803	17 5	·675	12
·753	·732	·715	·700	·711	·719	·737	·746	·756	·749	·765	9 0	·840	17 58	·700	13
·697	·679	·677	·673	·696	·711	·726	·732	·740	·735	**·730**	8 25	·786	17 8	·672	14
·755	·737	·731	·729	·750	·761	·772	·768	·771	·765	·759	9 28	·803	4 17	·719	15
·746	·730	·729	·726	·732	·738	·758	·774	·799	·798	·764	8 58	·814	18 7	·722	16
·755	·727	·711	·713	·737	·757	·766	·804	·824	·816	·786	9 0	·833	17 0	·709	17
·749	·718	·705	·701	·725	·741	·770	·781	·800	·800	·791	8 26	·861	17 0	·699	18
·756	·735	·726	·727	·744	·754	·779	·794	·810	·800	·790	8 35	·853	16 48	·725	19
·782	·766	·764	·772	·790	·808	·824	·826	·836	·820	·803	8 58	·843	16 45	·763	20
·775	·752	·754	·754	·781	·793	·809	·816	·837	·827	·802	9 45	·860	16 0	·750	21
·816	·794	·736	·736	·762	·776	·792	·796	·799	·779	·801	9 35	·855	17 0	·735	22
·753	·736	·744	·750	·772	·779	·804	·791	·798	·793	·778	8 46	·827	3 0	·736	23
·753	·730	·729	·720	·728	·734	·753	·755	·764	·750	·770	9 0	·830	17 45	·720	24
·748	·735	·733	·733	·751	·761	·771	·779	·792	·777	·753	22 0	·794	4 0	·700	25
·784	·760	·750	·744	·754	·762	·782	·792	·800	·794	·782	10 0	·843	3 30	·729	26
·786	·770	·764	·763	·776	·783	·804	·802	·808	·797	·796	9 30	·849	3 15	·757	27
·758	·739	·733	·730	·740	·746	·761	·766	·786	·783	·779	9 0	·833	17 0	·729	28
·770	·752	·746	·745	·766	·777	·788	·790	·800	·789	·791	8 0	·841	17 0	·743	29
·787	·766	·762	·765	·778	·784	·800	·807	·824	·818	·808	9 5	·875	16 55	·759	30
·787	·767	·761	·762	·774	·787	·803	·819	·823	·816	·818	8 15	·880	16 37	·760	31
29·762	29·741	**29·733**	29·734	29·752	29·764	29·784	29·791	29·802	29·793	29·785					Mean.
—·023	—·044	**—·052**	—·051	—·033	—·021	—·001	+·006	+·017	+·008						Variation.

JUNE.

29·796	29·779	29·781	29·775	29·783	29·788	29·801	29·811	29·823	29·814	29·814	9 0	29·868	16 32	29·774	1
·778	·758	·753	·747	·757	·764	·775	·779	·789	·775	·793	9 8	·846	17 40	·746	2
·751	·733	·727	·729	·741	·755	·773	·777	·775	·761	·765	9 5	·816	16 55	·726	3
·762	·745	·742	·747	·773	·784	·802	·804	·804	·796	·778	8 45	·821	2 0	·735	4
·782	·764	·758	·760	·775	·790	·806	·812	·822	·808	·792	8 36	·831	3 34	·753	5
·797	·775	·764	·765	·796	·805	·830	·840	·848	·833	**·818**	8 45	**·871**	16 55	·763	6
·768	·740	·739	·746	·765	·778	·803	·811	·809	·782	·795	8 0	·840	16 25	·738	7
·698	·669	·651	·671	·704	·715	·723	·730	·743	·728	·721	8 22	·755	16 45	·649	8
·659	·625	·616	·620	·652	·660	·678	·678	·693	·678	·685	8 0	·731	17 30	·613	9
·613	·592	·583	·591	·621	·642	·656	·656	·673	·684	·646	8 0	·701	16 0	·579	10
·612	·593	·592	·587	·611	·632	·643	·639	·643	·637	·638	0 12	·691	16 0	·586	11
·574	·548	**·542**	·552	·585	·595	·612	·616	·628	·616	**·600**	8 15	·636	16 30	**·540**	12
·601	·590	·584	·583	·602	·615	·629	·635	·633	·630	·609	21 37	·639	3 0	·567	13
·616	·600	·599	·601	·618	·633	·652	·656	·662	·650	·625	21 0	·664	4 15	·590	14
·673	·659	·653	·649	·666	·683	·689	·696	·710	·692	·670	9 30	·715	2 10	·619	15
·659	·644	·634	·633	·642	·641	·652	·650	·660	·653	·668	8 0	·715	16 40	·633	16
·668	·644	·637	·629	·634	·643	·655	·655	·661	·650	·658	9 42	·715	3 5	·621	17
·604	·597	·593	·591	·621	·631	·647	·646	·655	·645	·628	9 0	·663	17 5	·589	18
·634	·618	·621	·626	·642	·656	·670	·677	·689	·688	·649	22 0	·690	3 21	·608	19
·672	·652	·654	·654	·672	·673	·693	·700	·712	·694	·684	10 0	·732	3 0	·644	20
·673	·658	·652	·650	·659	·672	·689	·700	·711	·706	·685	9 0	.726	16 50	·650	21
·672	·658	·654	·652	·670	·674	·694	·700	·716	·712	·695	9 5	·742	17 0	·652	22
·675	·660	·658	·655	·683	·693	·713	·721	·733	·721	·695	22 0	·734	17 0	·654	23
·685	·663	·653	·647	·657	·675	·694	·698	·710	·707	·703	8 0	·756	17 10	·646	24
·638	·614	·627	·633	·649	·662	·694	·699	·695	·683	·678	8 15	·718	15 20	·612	25
·602	·580	·590	·596	·615	·636	·646	·658	·667	·662	·645	10 30	·683	16 0	·579	26
·564	·548	·562	·568	·593	·600	·619	·632	·648	·644	·617	0 0	·656	16 15	·546	27
·601	·586	·596	·608	·623	·628	·631	·643	·659	·644	·622	10 0	·661	16 0	·585	28
·626	·611	·615	·612	·627	·637	·648	·658	·666	·650	·638	8 0	·668	3 35	·606	29
·572	·559	·554	·555	·580	·591	·611	·619	·628	·619	·606	7 25	·637	16 45	·553	30
29·667	29·649	**29·646**	29·648	29·667	29·678	29·694	29·700	29·709	29·699	29·687					Mean.
—·020	—·038	**—·041**	—·039	—·020	—·009	+·007	+·013	+·022	+·012						Variation.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

(IN INCHES OF MERCURY AT 32°F.)

JULY.

Date.	Hours. 0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
1	29·597	29·577	29·570	29·578	29·591	29·607	29·633	29·638	29·652	29·654	29·662	29·652	29·649	29·641
2	·657	·645	·640	·643	·647	·653	·671	·680	·690	·683	·669	·657	·654	·641
3	·641	·618	·600	·596	·602	·612	·624	·638	·654	·653	·648	·646	·632	·625
4	·588	·554	·546	·523	·535	·545	·554	·549	·553	·550	·551	·533	·529	·498
5	·506	·489	·470	·452	·448	·464	·498	·522	·546	·548	·546	·543	·536	·520
6	·515	·487	·478	·466	·467	·481	·501	·506	·525	·534	·536	·518	·516	·495
7	·498	·481	·463	·453	·455	·465	·480	·486	·498	·499	·506	·498	·486	·473
8	·516	·496	·481	·477	·490	·491	·513	·529	·546	·544	·544	·538	·510	·491
9	·537	·535	·524	·516	·528	·538	·563	·574	·590	·594	·605	·602	·596	·585
10	·623	·602	·593	·580	·588	·593	·614	·632	·640	·643	·652	·637	·626	·602
11	·602	·582	·570	·562	·561	·558	·581	·597	·613	·615	·627	·621	·624	·602
12	·619	·604	·589	·577	·582	·580	·601	·597	·618	·620	·632	·624	·619	·599
13	·617	·594	·587	·562	·575	·582	·603	·616	·623	·628	·614	·641	·640	·619
14	·664	·647	·637	·627	·633	·638	·660	·672	·687	·688	·696	·686	·680	·673
15	·699	·678	·676	·672	·681	·683	·701	·709	·720	·716	·714	·702	·699	·683
16	·716	·714	·705	·704	·701	·704	·723	·736	·756	·758	·771	·769	·770	·751
17	·783	·759	·739	·735	·739	·751	·767	·781	·796	·796	·798	·791	·780	·764
18	·750	·732	·725	·709	·717	·726	·756	·764	·784	·781	·783	·772	·754	·735
19	·711	·693	·685	·677	·678	·687	·712	·721	·742	·739	·746	·737	·729	·710
20	·725	·702	·696	·685	·695	·698	·717	·723	·748	·755	·766	·761	·749	·726
21	·713	·692	·684	·680	·682	·678	·704	·714	·729	·731	·729	·714	·705	·690
22	·670	·649	·639	·631	·630	·632	·647	·661	·678	·679	·689	·680	·668	·647
23	·639	·619	·615	·607	·610	·617	·631	·644	·668	·671	·671	·665	·660	·641
24	·647	·628	·607	·596	·595	·597	·617	·627	·642	·641	·645	·636	·622	·605
25	·571	·552	·537	·529	·536	·543	·561	·570	·590	·593	·607	·597	·580	·554
26	·538	·523	·520	·519	·518	·516	·527	·533	·554	·553	·560	·549	·544	·536
27	·554	·536	·526	·516	·522	·523	·539	·551	·572	·575	·586	·583	·581	·564
28	·601	·581	·572	·565	·568	·573	·593	·603	·623	·623	·632	·626	·622	·608
29	·625	·612	·596	·587	·597	·604	·626	·633	·642	·641	·644	·632	·629	·614
30	·644	·627	·616	·615	·621	·626	·644	·653	·672	·672	·677	·665	·655	·640
31	·648	·633	·632	·622	·630	·640	·662	·682	·701	·705	·705	·695	·691	·676
Mean	29·626	29·608	29·597	29·589	29·594	29·600	29·620	29·630	29·647	29·648	29·653	29·644	29·637	29·620
Variation	+·006	—·012	—·023	—·031	—·026	—·020	000	+·010	+·027	+·028	+·033	+·024	+·017	000

AUGUST.

1	29·687	29·666	29·657	29·651	29·650	29·664	29·682	29·689	29·712	29·714	29·718	29·707	29·706	29·682
2	·670	·644	·630	·619	·626	·632	·653	·670	·686	·685	·684	·670	·653	·631
3	·630	·612	·606	·594	·592	·597	·614	·623	·643	·645	·643	·631	·628	·611
4	·604	·572	·562	·555	·557	·554	·574	·584	·595	·597	·609	·597	·602	·588
5	·596	·572	·561	·552	·558	·555	·569	·579	·590	·597	·602	·590	·577	·564
6	·575	·551	·540	·526	·536	·546	·569	·582	·597	·605	·612	·604	·589	·568
7	·569	·547	·534	·524	·537	·542	·570	·586	·600	·602	·607	·589	·574	·545
8	·551	·535	·525	·518	·520	·522	·537	·551	·562	·563	·570	·559	·540	·519
9	·532	·514	·502	·504	·522	·533	·550	·563	·579	·580	·584	·588	·574	·552
10	·602	·579	·574	·573	·583	·599	·625	·641	·659	·667	·676	·664	·656	·643
11	·656	·640	·631	·620	·625	·633	·652	·665	·680	·684	·688	·685	·680	·666
12	·736	·725	·718	·708	·714	·714	·738	·750	·772	·778	·778	·773	·763	·748
13	·771	·756	·737	·729	·723	·719	·734	·746	·757	·763	·765	·755	·738	·717
14	·717	·691	·681	·670	·679	·688	·709	·730	·747	·748	·750	·740	·730	·709
15	·769	·684	·674	·668	·677	·687	·707	·720	·737	·740	·741	·733	·726	·701
16	·716	·699	·682	·667	·666	·667	·688	·696	·722	·728	·729	·713	·692	·673
17	·666	·650	·642	·634	·640	·638	·658	·662	·679	·683	·685	·673	·666	·651
18	·659	·641	·631	·619	·633	·647	·672	·694	·715	·719	·710	·707	·707	·691
19	·707	·697	·682	·668	·673	·678	·698	·711	·719	·723	·726	·715	·698	·684
20	·693	·676	·664	·652	·658	·664	·687	·702	·721	·721	·719	·707	·699	·681
21	·730	·712	·701	·689	·703	·706	·730	·752	·769	·777	·787	·777	·761	·752
22	·756	·749	·731	·720	·720	·722	·741	·752	·768	·775	·782	·779	·771	·753
23	·763	·742	·727	·716	·719	·733	·745	·753	·765	·766	·775	·771	·765	·751
24	·757	·735	·732	·718	·721	·729	·754	·769	·787	·792	·798	·788	·770	·752
25	·772	·761	·749	·738	·741	·745	·770	·782	·801	·802	·807	·794	·776	·753
26	·771	·750	·738	·729	·726	·728	·749	·765	·779	·788	·793	·781	·762	·742
27	·754	·730	·714	·704	·716	·725	·745	·757	·776	·780	·782	·766	·758	·730
28	·764	·736	·721	·715	·728	·736	·753	·767	·787	·789	·790	·777	·756	·732
29	·761	·743	·727	·722	·740	·745	·763	·779	·799	·801	·802	·795	·784	·755
30	·763	·743	·728	·715	·716	·723	·737	·743	·766	·767	·765	·759	·746	·725
31	·738	·711	·695	·682	·683	·686	·709	·721	·737	·739	·743	·732	·726	·707
Mean	29·690	29·670	29·658	29·648	29·655	29·660	29·680	29·693	29·710	29·713	29·717	29·707	29·696	29·677
Variation	+·009	—·011	—·023	—·033	—·026	—·021	—·001	+·012	+·029	+·032	+·036	+·026	+·015	—·004

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JULY. (IN INCHES OF MERCURY AT 32° F.)

Hours. 14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.	Maximum. Time.	Maximum. Mag.	Minimum. Time.	Minimum. Mag.	Date.
											H. M.		H. M.		
29·632	29·616	29·618	29·615	29·624	29·636	29·650	29·659	29·669	29·666	29·629	22 15	29·670	2 12	29·568	1
·631	·619	·601	·600	·612	·623	·638	·650	·657	·655	·647	8 0	·690	16 45	·600	2
·618	·603	·595	·590	·594	·607	·629	·632	·638	·616	·621	9 10	·656	17 28	·588	3
·485	·465	·470	·481	·505	·528	·542	·542	·547	·530	·529	0 0	·590	16 20	·462	4
·506	·492	·482	·477	·497	·513	·530	·534	·514	·533	·508	9 5	·552	4 46	·444	5
·485	·474	·457	·450	·465	·482	·506	·521	·531	·514	·497	10 0	·538	17 5	·447	6
·460	·445	·446	·450	·469	·493	·514	·529	·538	·527	·484	22 5	·540	16 0	·442	7
·478	·460	·455	·452	·469	·472	·504	·513	·536	·535	·502	8 30	·547	17 0	·452*	8
·578	·563	·563	·562	·578	·586	·611	·622	·631	·628	·575	22 0	·632	3 30	·514	9
·586	·573	·571	·572	·600	·606	·613	·616	·624	·609	·608	10 0	·653	17 0	·569	10
·598	·569	·573	·571	·588	·599	·625	·626	·635	·620	·597	21 35	·635	4 0	·557	11
·583	·563	·585	·583	·597	·609	·629	·631	·641	·629	·605	22 0	·645	15 0	·559	12
·611	·613	·609	·610	·632	·643	·662	·665	·673	·665	·622	22 5	·676	3 12	·562	13
·660	·645	·646	·648	·670	·681	·701	·706	·714	·706	·669	22 0	·714	4 8	·626	14
·674	·660	·663	·665	·685	·695	·713	·713	·730	·722	·694	22 10	·731	15 50	659	15
·736	·718	·712	·715	·729	·750	·774	·788	·799	·788	·741	22 0	·802	5 10	·700	16
·759	·737	·730	·723	·746	·759	·780	·790	·792	·772	·765	22 0	·802	17 15	·722	17
·721	·703	·698	·696	·711	·729	·729	·719	·723	·712	·734	8 0	·784	17 0	·696*	18
·704	·697	·700	·699	·723	·728	·745	·753	·755	·737	·717	22 30	·757	4 9	·676	19
·709	·694	·699	·696	·708	·713	·720	·722	·727	·721	·719	10 25	·767	4 5	·683	20
·677	·659	·659	·660	·669	·674	·683	·689	·696	·683	·691	9 7	·733	16 10	·657	21
·630	·611	·605	·601	·622	·629	·647	·655	·663	·649	·646	10 30	·689	17 0	·601	22
·625	·598	·599	·610	·622	·636	·652	·660	·663	·651	·636	9 4	·671	17 0	·597	23
·594	·570	·564	·565	·578	·582	·594	·595	·602	·586	·606	0 0	·648	16 0	·562	24
·531	·515	·511	·512	·520	·525	·545	·548	·554	·546	·551	10 32	·611	16 0	·509	25
·525	·506	·500	·507	·531	·541	·560	·570	·575	·564	·536	22 0	·576	15 0	·500	26
·553	·540	·541	·547	·569	·513	·585	·587	·596	·597	·559	23 30	·597	18 30	·512	27
·599	·584	·578	·579	·595	·603	·627	·635	·640	·635	·603	22 0	·643	4 5	·563	28
·604	·592	·584	·587	·617	·632	·648	·656	·662	·654	·622	22 35	·666	16 35	·580	29
·626	·612	·607	·604	·627	·639	·663	·669	·671	·659	·642	8 30	·677	16 45	·601	30
·667	·653	·651	·652	·675	·697	·713	·717	·723	·704	·674	22 0	·727	3 8	·621	31
29·608	29·592	29·589	29·590	29·607	29·619	29·637	29·642	29·650	29·639	29·620					Mean.
—·012	—·028	—·031	—·030	—·013	—·001	+·017	+·022	+·030	+·019						Variation.

AUGUST.

29·686	29·666	29·656	29·656	29·669	29·675	29·689	29·690	29·695	29·681	29·682	9 10	29·719	4 55	29·649	1
·619	·606	·598	·597	·620	·629	·645	·646	·652	·640	·642	8 45	·689	17 7	·597	2
·594	·574	·569	·571	·588	·591	·609	·618	·629	·615	·609	9 0	·646	16 25	·568	3
·580	·560	·559	·564	·580	·590	·603	·611	·615	·603	·584	22 0	·617	4 15	·553	4
·550	·536	·528	·524	·549	·560	·584	·594	·604	·589	·570	22 0	·606	16 42	·522	5
·553	·529	·523	·527	·545	·559	·577	·587	·599	·587	·566	9 17	·613	16 25	·521	6
·526	·508	·502	·499	·524	·540	·566	·577	·579	·569	·555	9 28	·610	16 50	·496	7
·499	·473	·473	·478	·501	·515	·524	·526	·534	·535	·526	10 0	·571	15 55	·471	8
·538	·527	·542	·552	·578	·586	·608	·612	·630	·614	·561	22 32	·632	2 0	·500	9
·632	·617	·610	·618	·645	·654	·668	·675	·683	·673	·634	22 0	·683	4 0	·573	10
·664	·656	·653	·656	·692	·704	·731	·743	·750	·744	·675	22 0	·754	4 0	·616	11
·740	·732	·728	·733	·749	·762	·772	·778	·784	·779	·749	22 0	·788	3 40	·708	12
·706	·686	·685	·691	·709	·717	·737	·741	·744	·736	·732	0 0	·772	16 0	·684	13
·700	·681	·677	·683	·703	·706	·726	·736	·747	·731	·712	8 40	·751	4 0	·669	14
·685	·672	·672	·676	·692	·701	·712	·721	·735	·727	·704	9 30	·743	3 20	·667	15
·663	·642	·639	·640	·655	·664	·679	·685	·692	·680	·683	9 10	·730	16 0	·636	16
·640	·622	·624	·627	·646	·654	·671	·673	·679	·666	·655	10 0	·685	16 0	·621	17
·689	·671	·669	·664	·669	·675	·689	·697	·709	·709	·678	8 50	·719	4 0	·619	18
·671	·657	·657	·659	·681	·689	·707	·714	·723	·707	·693	9 5	·729	15 0	·655	19
·671	·665	·667	·673	·694	·713	·725	·734	·748	·740	·695	22 0	·748	4 46	·652	20
·741	·729	·727	·729	·746	·750	·768	·772	·781	·773	·744	10 0	·787	3 8	·687	21
·743	·733	·731	·737	·748	·758	·777	·785	·791	·781	·755	21 35	·791	4 0	·719	22
·743	·724	·719	·721	·735	·738	·770	·780	·787	·772	·749	22 0	·789	4 0	·715	23
·742	·721	·707	·712	·728	·738	·755	·769	·785	·782	·752	10 0	·799	16 0	·705	24
·731	·715	·712	·719	·739	·753	·777	·791	·797	·786	·763	10 8	·809	16 30	·711	25
·731	·714	·709	·720	·741	·755	·776	·785	·781	·767	·753	9 35	·794	16 0	·706	26
·705	·691	·694	·706	·727	·745	·771	·781	·792	·782	·743	22 0	·793	16 0	·689	27
·723	·715	·717	·725	·733	·747	·762	·766	·777	·768	·749	9 0	·792	16 0	·712	28
·737	·722	·718	·723	·733	·741	·761	·774	·779	·772	·757	8 52	·803	16 0	·715	29
·714	·697	·698	·713	·732	·742	·754	·757	·764	·752	·738	9 9	·769	16 0	·697	30
·692	·671	·670	·680	·698	·707	·726	·726	·730	·720	·710	10 0	·744	16 15	·668	31
29·665	29·649	29·646	29·651	29·669	29·679	29·697	29·705	29·713	29·703	29·681					Mean.
—·016	—·032	—·035	—·030	—·012	—·002	+·016	+·024	+·032	+·022						Variation

*Lowest hourly value given, the trace being lost near the minimum point.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

(IN INCHES OF MERCURY AT 32° F.)

SEPTEMBER.

Date.	Hours. 0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12 13	13 14
1	29·707	29·679	29·662	29·646	29·652	29·656	29·665	29·677	29·699	29·701	29·707	29·695	29·686	29·662
2	·671	·657	·646	·641	·652	·660	·687	·701	·712	·712	·706	·699	·686	·669
3	·680	·671	·661	·654	·665	·678	·697	·728	·761	·766	·767	·758	·750	·735
4	·814	·802	·794	·785	·796	·806	·834	·854	·880	·876	·891	·873	·860	·843
5	·861	·846	·840	·828	·828	·831	·847	·858	·875	·877	·879	·867	·853	·830
6	·818	·813	·808	·809	·806	·820	·844	·861	·883	·886	**·892**	·880	·861	·833
7	·855	·842	·837	·828	·844	·842	·862	·873	·889	·889	·882	·864	·840	·815
8	·822	·810	·795	·785	·793	·799	·811	·823	·836	·840	·849	·830	·816	·791
9	·800	·785	·774	·764	·761	·763	·784	·797	·815	·817	·829	·805	·788	·764
10	·789	·771	·755	·750	·757	·763	·783	·801	·818	·818	·871	·863	·784	·753
11	·775	·757	·745	·741	·748	·749	·764	·774	·791	·796	·799	·789	·771	·740
12	·751	·734	·717	·703	·709	·714	·730	·748	·766	·763	·767	·753	·732	·701
13	·705	·693	·701	·691	·696	·703	·724	·732	·748	·745	·745	·729	·710	·677
14	·691	·668	·657	·653	·659	·661	·677	·683	·691	·692	·695	·686	·662	·630
15	·630	·607	·586	·571	·584	·589	·603	·616	·626	·631	·627	·612	·595	·570
16	·577	·556	·547	**·531**	·538	·541	·559	·571	·600	·615	·618	·605	·588	·572
17	·617	·597	·580	·576	·589	·604	·632	·652	·672	·676	·682	·670	·657	·645
18	·677	·661	·654	·652	·667	·673	·692	·704	·725	·728	·733	·718	·703	·682
19	·726	·712	·711	·701	·705	·708	·729	·747	·770	·777	·784	·778	·758	·733
20	·760	·750	·736	·733	·734	·745	·765	·790	·809	·810	·818	·809	·790	·769
21	·784	·762	·752	·739	·743	·746	·778	·795	·813	·813	·814	·801	·781	·766
22	·770	·751	·741	·735	·736	·746	·767	·782	·801	·809	·805	·789	·779	·761
23	·785	·765	·754	·741	·751	·759	·781	·788	·807	·811	·819	·801	·777	·757
24	·763	·751	·743	·739	·744	·753	·777	·797	·805	·807	·796	·783	·763	·746
25	·778	·768	·769	·760	·773	·772	·796	·811	·833	·824	·820	·795	·778	·747
26	·774	·761	·753	·761	·768	·778	·798	·805	·812	·814	·805	·789	·767	·739
27	·775	·757	·755	·751	·758	·764	·783	·788	·799	·797	·793	·770	·747	·721
28	·753	·747	·716	·741	·754	·765	·785	·799	·811	·810	·802	·784	·770	·741
29	·757	·740	·733	·730	·738	·747	·770	·780	·798	·799	·792	·772	·756	·733
30	·775	·760	·757	·753	·760	·773	·796	·809	·823	·821	·811	·789	·769	·733
Mean .	29·748	29·732	29·724	29·716	29·724	29·730	29·751	29·765	29·782	**29·784**	29·784	29·770	29·753	29·729
Variation.	+·005	—·011	—·019	—·027	—·019	—·019	+·008	+·022	+·039	**+·041**	+·041	+·027	+·010	—·014

OCTOBER.

1	29·757	29·743	29·759	29·749	29·753	29·763	29·775	29·780	29·796	29·795	29·781	29·753	29·734	29·708
2	·731	·712	·711	·704	·711	·711	·736	·745	·764	·764	·765	·734	·715	·685
3	·719	·700	·691	·684	·691	·697	·718	·734	·751	·751	·754	·736	·727	·702
4	·743	·726	·719	·713	·731	·735	·752	·769	·794	·798	·801	·785	·766	·739
5	·751	·732	·722	·720	·730	·747	·770	·788	·810	·812	·813	·797	·776	·746
6	·764	·748	·747	·742	·758	·762	·784	·804	·821	·823	·822	·806	·791	·769
7	·798	·785	·785	·778	·782	·792	·810	·825	·840	·846	·846	·829	·809	·781
8	·811	·805	·796	·792	·808	·818	·840	·849	·862	·862	·865	·842	·826	·799
9	·799	·781	·776	·768	·783	·791	·810	·820	·831	·833	·828	·805	·784	·757
10	·785	·776	·772	·768	·782	·792	·810	·824	·841	·844	·846	·816	·794	·771
11	·780	·768	·762	·762	·775	·785	·810	·829	·843	·839	·834	·811	·785	·751
12	·766	·748	·737	·732	·745	·752	·775	·790	·802	·799	·800	·779	·756	·729
13	·740	·724	·714	·709	·715	·725	·749	·769	·789	·794	·793	·773	·748	·729
14	·751	·741	·738	·742	·760	·772	·792	·810	·823	·819	·813	·785	·762	·740
15	·782	·760	·747	·740	·756	·766	·790	·797	·816	·818	·812	·789	·766	·744
16	·793	·779	·771	·760	·768	·777	·799	·812	·830	·832	·823	·802	·783	·758
17	·783	·760	·759	·751	·752	·767	·796	·817	·847	·850	·846	·816	·789	·769
18	·797	·784	·783	·781	·801	·819	·849	·869	·887	·891	·888	·863	·839	·806
19	·831	·817	·811	·806	·823	·832	·859	·872	·894	·890	·883	·855	·831	·806
20	·843	·828	·826	·819	·831	·840	·869	·884	·906	·906	·911	·883	·858	·842
21	·870	·846	·839	·836	·846	·859	·881	·896	·918	·923	·913	·885	·862	·837
22	·862	·846	·836	·834	·852	·863	·891	·896	·910	·912	·904	·877	·851	·820
23	·826	·819	·814	·818	·826	·837	·862	·874	·887	·885	·882	·851	·826	·798
24	·829	·816	·814	·810	·816	·828	·847	·849	·866	·867	·865	·842	·816	·795
25	·834	·825	·822	·823	·831	·847	·881	·892	·911	·919	·915	·895	·875	·851
26	·907	·889	·879	·869	·887	·903	·926	·938	·952	·955	·943	·916	·898	·873
27	·899	·884	·882	·874	·884	·897	·917	·932	·950	·954	·950	·925	·895	·867
28	·888	·871	·863	·858	·868	·880	·907	·920	·937	·934	·929	·903	·885	·858
29	·906	·894	·890	·885	·896	·912	·938	·951	·965	·9·3	·952	·926	·901	·872
30	·914	·899	·896	·891	·897	·912	·931	·944	·964	·965	.960	·934	·910	·871
31	·892	·881	·878	·876	·892	·909	·930	·943	**·966**	·964	·959	·930	·904	·880
Mean .	29·811	29·796	29·792	29·787	29·798	29·809	29·832	29·846	29·864	**29·865**	29·861	29·837	29·815	29·789
Variation.	—·002	—·017	—·021	—·026	—·015	—·004	+·019	+·033	+·051	**+·052**	+·048	+·024	+·002	—·024

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER. (IN INCHES OF MERCURY AT 32° F.)

Hours.										Mean.	Maximum.		Minimum.		Date.
14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24		Time.	Mag.	Time.	Mag.	
											H. M.		H. M.		
29·652	29·637	29·639	29·646	29·663	29·677	29·687	29·686	29·682	29·675	29·672	0 5	29·713	16 0	29·637	1
·654	·637	·631	·635	·649	·661	·682	·686	·696	·686	·671	8 50	·713	16 35	·629	2
·727	·717	·723	·744	·769	·783	·813	·824	·836	·822	·739	22 0	·837	3 0	·653	3
·828	·811	·816	·816	·838	·847	·871	·878	·884	·873	**·840**	10 0	·891	4 0	·785	4
·812	·791	·782	·784	·810	·820	·829	·832	·833	·826	·835	9 0	·879	16 44	·781	5
·815	·795	·798	·800	·829	·832	·850	·856	·865	·850	·837	10 0	**·892**	16 0	·792	6
·803	·784	·774	·777	·791	·804	·828	·836	·840	·832	·835	8 28	·890	16 30	·774	7
·776	·756	·756	·760	·778	·781	·804	·805	·813	·804	·801	10 0	·844	16 0	·756	8
·747	·726	·729	·730	·755	·774	·800	·809	·810	·795	·779	10 0	·824	16 42	·720	9
·733	·719	·713	·725	·751	·766	·791	·796	·799	·786	·773	8 36	·825	16 5	·713	10
·713	·690	·697	·707	·727	·741	·763	·767	·764	·754	·753	9 25	·802	15 45	·688	11
·670	·661	·647	·656	·682	·690	·722	·732	·735	·719	·717	8 0	·770	16 22	·646	12
·657	·639	·642	·653	·680	·695	·720	·721	·715	·702	·701	8 0	·759	16 22	·638	13
·605	·591	·596	·600	·629	·639	·656	·655	·653	·638	·652	9 10	·698	15 0	·590	14
·558	·543	·540	·542	·554	·569	·589	·594	·601	·587	·589	9 11	·634	16 0	·540	15
·555	·535	·547	·553	·576	·593	·625	·632	·636	·622	**·578**	21 30	·637	4 0	**·529**	16
·628	·616	·619	·625	·651	·670	·691	·695	·691	·687	·643	21 5	·697	3 31	·575	17
·663	·651	·666	·675	·691	·704	·729	·736	·742	·732	·694	22 0	·743	15 45	·649	18
·713	·698	·708	·719	·737	·744	·761	·772	·777	·769	·739	9 28	·785	15 15	·697	19
·757	·736	·745	·745	·762	·774	·794	·794	·802	·790	·772	10 0	·822	4 0	·730	20
·748	·731	·731	·738	·758	·772	·792	·790	·792	·783	·771	9 35	·815	16 15	·731	21
·742	·732	·738	·738	·749	·768	·789	·793	·800	·790	·767	9 10	·811	15 25	·729	22
·743	·731	·720	·725	·743	·753	·773	·780	·786	·783	·768	10 0	·822	16 27	·720	23
·732	·725	·735	·735	·759	·762	·786	·790	·793	·777	·765	9 34	·810	16 15	·722	24
·736	·725	·733	·744	·764	·775	·790	·790	·792	·781	·777	8 0	·834	15 15	·724	25
·723	·712	·721	·732	·754	·775	·788	·785	·791	·781	·770	9 0	·817	15 40	·711	26
·707	·696	·701	·708	·730	·745	·763	·772	·770	·766	·755	8 25	·799	15 10	·695	27
·712	·704	·719	·722	·742	·751	·780	·779	·782	·765	·761	8 30	·812	15 21	·704	28
·719	·698	·711	·725	·752	·770	·787	·787	·791	·782	·757	9 10	·804	15 42	·696	29
·710	·684	·690	·706	·738	·758	·771	·779	·782	·773	·763	8 0	·824	16 0	·684	30
29·711	**29·696**	29·699	29·706	29·727	29·740	29·761	29·765	29·768	29·758	29·743					Mean.
—·032	**—·047**	—·044	—·037	—·016	—·003	+·018	+·022	+·025	+·015						Variation.

OCTOBER.

29·685	29·665	29·678	29·688	29·712	29·722	29·741	29·739	29·741	29·735	29·740	8 40	29·798	15 7	29·662	1
·665	**·642**	·652	·664	·687	·705	·720	·721	·725	·722	·712	9 0	·766	15 0	**·642**	2
·683	·676	·689	·697	·715	·735	·756	·756	·752	·745	·719	21 10	·760	15 30	·676	3
·718	·700	·702	·711	·729	·741	·761	·767	·772	·762	·747	9 0	·804	16 0	·700	4
·731	·717	·718	·726	·743	·757	·778	·780	·780	·764	·759	9 22	·817	16 30	·717	5
·748	·735	·742	·757	·777	·787	·807	·809	·809	·806	·780	8 45	·825	15 30	·733	6
·763	·748	·752	·761	·795	·810	·821	·822	·825	·818	·801	9 5	·849	16 0	·747	7
·780	·763	·770	·780	·797	·803	·817	·823	·820	·805	·814	9 10	·868	16 0	·752	8
·747	·733	·730	·741	·767	·777	·789	·792	·796	·789	·784	9 8	·837	16 30	·729	9
·749	·734	·742	·756	·783	·792	·806	·806	·803	·788	·791	9 12	·847	16 0	·733	10
·732	·718	·728	·735	·756	·765	·776	·778	·785	·776	·778	8 0	·845	15 40	·717	11
·711	·695	·712	·717	·738	·749	·770	·771	·765	·750	·754	8 42	·803	15 0	·691	12
·709	·702	·712	·723	·741	·752	·761	·765	·769	·763	·745	9 30	·797	15 5	·699	13
·731	·722	·731	·740	·763	·774	·790	·790	·793	·787	·769	8 17	·827	16 0	·721	14
·732	·724	·735	·744	·766	·781	·801	·803	·805	·793	·774	8 43	·821	15 22	·723	15
·743	·733	·743	·745	·765	·781	·801	·797	·791	·781	·782	8 40	·833	15 25	·731	16
·751	·744	·755	·759	·780	·802	·823	·824	·819	·806	·790	9 0	·854	15 15	·740	17
·789	·778	·795	·795	·820	·833	·856	·853	·852	·834	·828	9 5	·894	4 0	·778	18
·799	·791	·803	·807	·826	·840	·859	·858	·859	·844	·837	8 35	·897	15 32	·789	19
·823	·816	·826	·831	·848	·862	·883	·886	·889	·877	·858	9 12	·912	3 5	·816	20
·823	·813	·823	·825	·852	·871	·884	·881	·878	·869	·864	9 5	·925	15 12	·811	21
·800	·790	·793	·799	·821	·832	·848	·843	·843	·834	·848	9 0	·913	10 30	·789	22
·781	·764	·778	·785	·805	·820	·836	·835	·842	·833	·829	8 48	·890	15 37	·764	23
·781	·773	·776	·785	·809	·825	·841	·838	·841	·839	·824	8 28	·870	16 0	·770	24
·838	·828	·846	·857	·881	·892	·909	·912	·919	·910	·871	22 0	·924	2 25	·822	25
·855	·846	·853	·867	·892	·904	·916	·917	·921	·904	·909	9 5	·956	16 0	·844	26
·849	·841	·851	·863	·882	·895	·907	·910	·914	·901	·897	9 5	·957	16 5	·839	27
·840	·831	·845	·855	·882	·897	·919	·917	·924	·912	·888	8 10	·937	15 0	·831	28
·853	·846	·859	·870	·893	·916	·933	·931	·932	·920	·909	8 50	·968	15 42	·844	29
·853	·847	·859	·872	·892	·906	·920	·926	·923	·905	·908	9 5	·967	15 10	·843	30
·868	·859	·867	·876	·907	·927	·948	·946	·949	·931	**·912**	8 55	**·969**	16 0	·857	31
29·772	**29·760**	29·770	29·778	29·801	29·815	29·832	29·832	29·833	29·823	29·813					Mean.
—·041	**—·053**	—·043	—·035	—·012	+·002	+·019	+·019	+·020	+·010						Variation.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

NOVEMBER. (IN INCHES OF MERCURY AT 32° F.)

Date.	Hours.													
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
1	29·924	29·907	29·911	29·905	29·916	29·922	29·950	29·965	29·986	29·990	29·980	29·949	29·926	29·903
2	·950	·935	·932	·923	·930	·940	·966	·981	30·004	30·006	·997	·965	·934	·904
3	·935	·923	·910	·907	·912	·932	·958	·970	29·989	29·991	·982	·954	·932	·901
4	·929	·906	·900	·894	·897	·899	·926	·940	·965	·968	·961	·925	·890	·860
5	·902	·886	·884	·882	·889	·892	·921	·937	·959	·956	·951	·935	·904	·874
6	·900	·887	·879	·866	·878	·890	·907	·921	·948	·953	·944	·922	·906	·881
7	·901	·894	·895	·893	·898	·907	·930	·953	·977	·978	·971	·947	·927	·888
8	·893	·878	·873	·858	·876	·890	·920	·937	·959	·959	·954	·927	·896	·863
9	·880	·856	·866	·852	·854	·858	·885	·900	·920	·919	·914	·883	·859	·826
10	·881	·860	·856	·847	·852	·859	·882	·897	·914	·916	·905	·879	·848	·819
11	·842	·830	·818	·817	·824	·834	·858	·882	·902	·906	·893	·873	·850	·822
12	·881	·870	·870	·866	·876	·890	·913	·927	·948	·952	·943	·913	·884	·853
13	·863	·853	·853	·850	·863	·873	·893	·907	·931	·930	·928	·895	·867	·827
14	·843	·830	·826	·821	·830	·841	·870	·886	·906	·905	·900	·877	·851	·820
15	·844	·817	·806	·807	·821	·832	·860	·877	·903	·905	·898	·870	·844	·807
16	·862	·849	·840	·836	·855	·878	·910	·932	·954	·956	·952	·933	·913	·888
17	·909	·892	·889	·882	·888	·902	·932	·945	·964	·965	·959	·931	·901	·867
18	·895	·884	·875	·864	·881	·896	·925	·938	·953	·951	·939	·918	·892	·861
19	·886	·873	·866	·862	·875	·888	·918	·937	·958	·961	·953	·929	·905	·875
20	·921	·915	·911	·906	·929	·937	·961	·980	30·008	30·011	30·011	·982	·951	·918
21	·909	·899	·899	·897	·906	·916	·941	·957	29·989	29·991	29·979	·950	·916	·881
22	·909	·891	·883	·879	·884	·896	·921	·935	·954	·954	·953	·926	·899	·864
23	·862	·839	·828	·821	·824	·837	·860	·871	·892	·892	·887	·866	·841	·809
24	·815	·807	·800	·791	·796	·806	·833	·846	·862	·862	·858	·831	·799	·769
25	·817	·810	·806	·799	·813	·822	·847	·859	·883	·884	·881	·860	·834	·802
26	·833	·819	·814	·813	·831	·846	·872	·891	·915	·920	·918	·897	·877	·858
27	·906	·892	·888	·879	·887	·900	·927	·944	·971	·972	·966	·947	·927	·912
28	·933	·919	·910	·906	·909	·922	·946	·965	·991	·995	·980	·959	·953	·908
29	·927	·914	·897	·895	·911	·927	·951	·969	·991	·991	·983	·962	·940	·912
30	·969	·951	·942	·935	·939	·949	·971	·992	30·017	30·016	30·011	·985	·956	·928
Mean .	29·891	29·877	29·871	29·865	29·875	29·886	29·912	29·928	29·950	29·952	29·945	29·920	29·893	29·863
Variation.	—·002	—·016	—·022	—·028	—·018	—·007	+·019	+·035	+·057	+·059	+·052	+·027	·000	—·030

DECEMBER.

1	29·960	29·946	29·936	29·934	29·950	29·962	29·988	30·010	30·038	30·038	30·030	30·002	29·970	29·930
2	·929	·911	·901	·901	·905	·913	·939	29·956	29·986	29·991	29·987	29·958	·926	·889
3	·917	·902	·898	·900	·909	·925	·944	·958	·982	·989	·988	·966	·936	·907
4	·946	·931	·920	·909	·918	·929	·952	·968	·999	30·008	30·010	·990	·961	·928
5	·953	·935	·920	·908	·916	·926	·947	·963	·978	29·979	29·976	·958	·923	·900
6	·905	·889	·877	·860	·857	·865	·882	·900	·923	·925	·923	·899	·875	·848
7	·888	·876	·866	·862	·865	·870	·896	·914	·939	·946	·950	·935	·916	·884
8	·900	·886	·874	·874	·889	·898	·921	·938	·956	·949	·937	·912	·887	·855
9	·886	·873	·870	·862	·877	·887	·905	·919	·943	·945	·947	·928	·904	·879
10	·900	·883	·868	·865	·870	·883	·917	·921	·937	·934	·937	·914	·887	·861
11	·892	·877	·873	·866	·852	·897	·916	·939	·961	·963	·963	·944	·924	·899
12	·926	·916	·907	·900	·904	·915	·935	·950	·972	·972	·968	·946	·919	·888
13	·869	·842	·830	·823	·833	·835	·862	·878	·898	·899	·900	·878	·849	·813
14	·858	·842	·836	·823	·832	·838	·865	·882	·904	·907	·904	·883	·853	·823
15	·871	·853	·841	·827	·832	·844	·874	·897	·923	·925	·921	·896	·869	·846
16	·882	·871	·854	·841	·847	·860	·880	·902	·927	·928	·923	·899	·877	·846
17	·884	·868	·858	·847	·853	·861	·883	·901	·929	·931	·923	·901	·877	·846
18	·866	·853	·851	·841	·849	·851	·870	·883	·902	·902	·893	·871	·843	·815
19	·869	·854	·851	·841	·853	·872	·891	·910	·931	·933	·931	·904	·871	·844
20	·870	·856	·851	·841	·845	·857	·883	·898	·918	·919	·915	·893	·872	·844
21	·893	·880	·867	·851	·855	·868	·891	·907	·930	·931	·920	·899	·877	·844
22	·885	·868	·860	·855	·864	·875	·903	·919	·948	·951	·948	·924	·899	·870
23	·908	·899	·890	·878	·883	·887	·909	·922	·944	·943	·943	·914	·888	·856
24	·865	·856	·852	·849	·854	·868	·889	·905	·930	·933	·933	·911	·888	·863
25	·914	·898	·884	·871	·869	·877	·901	·921	·950	·953	·945	·922	·899	·871
26	·920	·911	·905	·899	·906	·912	·945	·971	·996	·998	·994	·961	·931	·895
27	·916	·909	·906	·894	·900	·916	·946	·970	30·002	30·007	30·005	·981	·961	·927
28	·949	·937	·932	·932	·947	·965	·990	30·017	·054	·063	·061	30·039	30·007	·978
29	30·007	·992	·989	·983	·986	·989	30·008	·023	·052	·053	·050	·026	·001	·970
30	·002	·990	·976	·963	·971	·975	29·998	·016	·043	·045	·044	·026	·004	·974
31	29·969	·956	·944	·926	·932	·937	·958	29·969	29·990	29·995	29·987	29·961	29·935	·908
Mean .	29·910	29·895	29·887	29·878	29·886	29·895	29·919	29·936	29·961	29·963	29·960	29·937	29·911	29·881
Variation.	+·003	—·012	—·020	—·029	—·021	—·012	+·012	+·029	+·054	+·056	+·053	+·030	+·004	—·026

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

NOVEMBER. (IN INCHES OF MERCURY AT 32° F.)

Hours. 14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.	Maximum. Time.	Maximum. Mag.	Minimum. Time.	Minimum. Mag.	Date.
											H. M.		H. M.		
29·890	29·887	29·901	29·906	29·929	29·943	29·962	29·962	29·970	29·958	29·935	9 0	29·991	15 0	29·887	1
·885	·874	·886	·891	·914	·932	·948	·952	·954	·945	·939	9 5	30·009	15 42	·873	2
·885	·874	·889	·892	·919	·937	·955	·952	·954	·937	·933	9 10	29·993	15 18	·873	3
·843	·830	·841	·849	·869	·884	·904	·910	·920	·905	·901	9 7	·971	15 25	·829	4
·853	·844	·856	·862	·874	·892	·911	·912	·917	·907	·900	8 43	·959	15 25	·843	5
·863	·853	·866	·872	·885	·898	·914	·919	·922	·909	·899	8 12	·956	15 15	·852	6
·872	·856	·870	·879	·907	·918	·933	·929	·933	·913	·915	9 0	·981	16 5	·855	7
·851	·834	·846	·852	·872	·877	·899	·897	·902	·887	·892	8 40	·962	15 37	·834	8
·812	·804	·821	·827	·851	·864	·892	·894	·899	·886	·868	8 32	·920	15 15	·802	9
·799	·788	·802	·810	·824	·848	·857	·858	·857	·852	·835	9 13	·918	15 10	·788	10
·807	·798	·819	·835	·856	·872	·890	·887	·890	·882	·854	9 0	·908	15 32	·796	11
·834	·824	·842	·845	·860	·872	·887	·890	·890	·869	·883	9 5	·954	15 17	·824	12
·814	·809	·816	·831	·857	·862	·880	·879	·874	·856	·867	8 52	·935	16 0	·809	13
·808	·800	·813	·826	·848	·863	·880	·880	·876	·859	·852	8 56	·907	15 15	·799	14
·792	·781	·791	·801	·831	·855	·875	·876	·876	·870	·843	9 5	·906	15 0	·780	15
·876	·870	·881	·887	·906	·922	·934	·933	·932	·916	·901	8 30	·957	3 5	·835	16
·849	·841	·850	·856	·876	·891	·907	·907	·913	·902	·901	9 0	·968	15 28	·840	17
·841	·826	·836	·846	·871	·891	·909	·910	·910	·897	·892	8 32	·954	15 46	·826	18
·852	·841	·856	·864	·889	·906	·922	·923	·928	·921	·899	9 5	·964	15 36	·840	19
·895	·881	·891	·896	·913	·923	·938	·941	·934	·919	·936	9 0	30·013	15 35	·881	20
·864	·851	·867	·875	·896	·909	·929	·929	·931	·917	·916	9 5	29·995	15 30	·851	21
·848	·832	·839	·846	·863	·872	·886	·886	·882	·872	·891	8 40	·955	16 38	·831	22
·790	·782	·796	·802	·822	·826	·828	·837	·833	·815	·836	8 45	·894	15 32	·782	23
·753	**·750**	·757	·766	·789	·805	·821	·823	·826	·818	**·808**	8 52	·866	15 15	**·750**	24
·791	·781	·793	·801	·821	·831	·843	·843	·849	·843	·830	9 0	·888	15 45	·778	25
·847	·843	·858	·871	·896	·909	·922	·924	·926	·915	·876	21 0	·927	3 7	·809	26
·902	·893	·907	·914	·929	·937	·947	·950	·952	·942	·925	9 0	·973	3 35	·879	27
·891	·885	·894	·903	·922	·934	·941	·944	·946	·937	·932	9 0	·999	15 30	·883	28
·900	·894	·909	·920	·947	·962	·978	·981	·984	·972	·942	8 30	·992	15 5	·892	29
·909	·899	·907	·918	·941	·953	·975	·980	·978	·965	**·958**	8 28	**30·018**	16 0	·896	30
29·817	29·837	29·850	29·858	29·879	29·893	29·909	29·910	29·912	29·900	29·893					Mean.
—·046	**—·056**	—·043	—·035	—·014	000	+·016	+·017	+·019	+·007						Variation.

DECEMBER.

29·909	29·893	29·894	29·905	29·924	29·934	29·954	29·958	29·954	29·942	29·957	9 0	30·039	15 40	29·891	1
·869	·860	·873	·885	·907	·923	·937	·936	·936	·925	·923	9 0	29·992	15 7	·860	2
·891	·884	·899	·912	·944	·966	·983	·987	·984	·962	·939	9 48	·991	16 0	·883	3
·911	·903	·916	·925	·943	·956	·971	·974	·974	·962	·950	9 0	30·012	15 20	·902	4
·882	·863	·861	·862	·875	·886	·906	·909	·911	·906	·918	8 35	29·979	15 0	·861	5
·828	·824	·831	·838	·863	·880	·898	·908	·906	·897	·879	8 40	·927	15 50	·823	6
·870	·856	·857	·864	·894	·904	·918	·921	·924	·906	·897	9 15	·954	3 8	·852	7
·841	·828	·835	·844	·864	·880	·900	·904	·904	·891	·890	8 12	·958	15 16	·826	8
·858	·845	·852	·864	·884	·896	·918	·929	·924	·908	·896	9 0	·949	15 30	·843	9
·850	·839	·854	·860	·880	·896	·916	·918	·913	·900	·892	9 37	·946	15 25	·838	10
·884	·883	·891	·901	·920	·930	·941	·944	·946	·936	·915	9 4	·965	3 25	·865	11
·873	·858	·860	·862	·880	·890	·903	·904	·896	·882	·909	8 55	·973	16 0	·857	12
·803	**·796**	·807	·821	·842	·855	·873	·875	·875	·867	**·851**	8 45	·907	15 38	**·795**	13
·810	·802	·810	·816	·843	·857	·871	·877	·884	·874	·854	8 40	·910	15 38	·802	14
·823	·816	·833	·848	·868	·883	·901	·902	·900	·888	·870	9 0	·925	15 30	·815	15
·828	·821	·832	·842	·865	·880	·896	·899	·903	·892	·875	9 5	·931	15 42	·821	16
·827	·819	·827	·837	·861	·871	·887	·886	·891	·874	·873	9 0	·933	15 15	·819	17
·803	·798	·809	·816	·838	·853	·874	·876	·880	·867	·854	8 25	·903	14 45	·797	18
·829	·823	·834	·847	·864	·879	·898	·897	·893	·877	·875	9 0	·937	15 55	·821	19
·825	·814	·826	·843	·868	·881	·903	·905	·910	·899	·872	8 50	·920	15 50	·814	20
·822	·809	·816	·825	·850	·865	·889	·898	·905	·895	·874	9 5	·933	16 0	·807	21
·853	·843	·847	·853	·877	·890	·915	·918	·927	·913	·892	9 0	·953	15 55	·841	22
·833	·817	·821	·830	·853	·864	·880	·884	·886	·870	·883	8 55	·945	16 0	·815	23
·837	·823	·834	·848	·876	·891	·914	·916	·920	·915	·882	9 0	·935	15 28	·823	24
·845	·829	·842	·852	·881	·899	·924	·927	·935	·926	·897	9 0	·954	15 52	·828	25
·875	·862	·872	·882	·906	·911	·931	·931	·935	·918	·924	8 45	·999	15 45	·861	26
·906	·900	·906	·916	·937	·949	·964	·971	·978	·963	·943	9 10	30·008	4 0	·892	27
·967	·955	·967	·975	·997	30·007	30·025	30·021	30·028	30·016	·993	9 28	**·065**	2 38	·931	28
·952	·916	·946	·952	·980	29·994	·019	·020	·020	·011	**·999**	9 8	·056	16 0	·940	29
·958	·910	·944	·953	·968	·979	29·990	29·992	29·995	29·976	·988	9 0	·046	16 0	·938	30
·889	·877	·880	·888	·914	·927	·942	·942	·939	·931	·937	8 45	29·998	16 0	·876	31
29·863	**29·852**	29·861	29·870	29·892	29·906	29·924	29·927	29·928	29·916	29·907					Mean.
—·014	**—·055**	—·046	—·037	—·015	—·001	+·017	+·020	+·021	+·009						Variation.

(Totals for periods of sixty minutes from full hour to full hour of local mean time.)

JANUARY. (FROM PLUVIOGRAPH RECORDS.)

Date.	Hours.													
	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14
1	..	..	0·01	..	..	..	..	..	..	..	..	..	..	..
2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	0·21	0·02	..	0·01	..	..	..	..	0·01	1·84	0·03	..	..	..
29	..	..	..	..	..	0·05	0·02	0·08	..	0·07	..	..	..	..
Total	0·21	0·02	0·01	0·01	..	0·05	0·02	0·08	0·01	1·91	0·03	..	..	..

MAY.

17	..	..	..	..	..	0·06	..	..	..	..	..	..	..	..
18	..	..	..	..	..	..	..	..	..	..	..	..	..	..
19	..	..	..	..	..	..	..	..	..	..	..	..	..	..
20	..	..	..	..	..	..	0·04	..	..	..	..	..	..	..
Total	..	..	..	..	..	0·06	0·04	..	..	..	..	..	..	..

JUNE.

1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11	0·34	..	..	..	..	..	..	..	..	..	..	..	..	..
12	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13	..	..	..	0·07	..	0·04	..	..	..	0·02	..	0·06	..	..
14	..	0·05	0·02	0·02	..	0·01	..	..	..	..	..	..	..	..
15	..	..	0·02	0·14	0·66	..	..	..	..	0·18	..	..	0·01	..
16	..	0·02	..	..	..	..	..	..	..	..	..	..	..	..
17	0·01	..	0·33	..	..	..	..	..	..	..	..	..	..	..
18	0·16	0·27	..	..	0·02	..	..	0·07	..	..	..	..	..	..
19	..	..	..	..	..	..	..	..	..	..	..	..	..	..
20	..	..	..	..	..	0·01	..	..	..	..	..	..	..	..
21	0·01	..	..	..	..	..	..	..	..	..	..	..	..	..
22	..	..	..	..	..	..	..	..	..	..	..	..	..	..
23	..	..	..	..	..	..	..	..	..	..	..	..	..	..
24	..	..	..	..	..	..	..	..	..	..	..	..	..	..
25	..	..	..	..	..	..	..	..	..	..	..	..	..	..
26	..	..	..	..	..	..	..	..	..	..	..	..	..	..
27	0·61	0·07	..	..	..	..	..	..	..	..	..	..	..	..
28	..	..	..	..	..	..	..	..	..	..	..	..	..	..
29	..	0·02	..	0·09	0·05	0·01	..	..	..	..	..	..	..	..
30	..	0·06	..	0·06	..	..	..	0·03	..	..	0·56	0·54	0·33	..
													0·13	0·03
Total	1·13	0·49	0·37	0·38	0·73	0·07	..	0·10	..	0·20	0·56	0·60	0·47	0·03

RAINFALL (IN INCHES), 1926.

(Totals for periods of sixty minutes from full hour to full hour of local mean time.)

JANUARY. (FROM PLUVIOGRAPH RECORDS.)

Hours.										Daily Total.	Maximum fall in one hour.	Time of occurrence.	Daily* total by Newman. Rain gauge	Date.
14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24			H. to H.		
..	..	..	..	..	..	..	..	..	..	0·01	0·01	2 3	0·01	1
..	..	0·04	0·08	..	..	..	..	..	..	0·12	0·08	17 18	0·12	2
..	..	..	..	..	..	..	..	..	..	2·12	1·84	9 10	2·18	3
0·01	0·01	..	0·44	..	..	..	..	..	..	0·68	0·44	17 18	0·68	29
0·01	0·01	0·04	0·52	..	..	..	..	..	..	2·93	..	..	2·99	Total

MAY.

..	..	..	..	..	..	..	..	..	..	0·06	0·06	5 6	0·06	17
..	..	..	..	..	..	..	..	..	..	..	..	..	..	18
..	..	..	..	..	..	..	..	..	..	..	..	..	..	19
..	..	..	..	..	..	..	..	..	..	0·04	0·04	6 7	0·04	20
..	..	..	..	..	..	..	..	..	..	0·10	..	..	0·10	Total

JUNE.

..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
..	..	..	..	..	..	..	..	..	..	..	..	..	..	6
..	..	..	..	..	..	..	..	..	..	..	..	..	..	7
..	..	..	..	..	..	..	..	..	..	..	..	..	..	8
..	..	..	..	..	..	..	..	..	..	..	..	..	..	9
..	..	..	..	..	..	..	..	..	0·30	0·30	0·30	23 24	0·30	10
..	..	..	..	..	..	..	..	..	..	0·34	0·34	0 1	0·33	11
..	..	..	..	..	..	..	..	..	..	..	..	..	..	12
..	..	..	..	..	0·01	..	0·02	..	..	0·22	0·07	3 4	0·24	13
..	..	..	0·01	..	..	..	0·04	..	..	0·15	0·05	1 2	0·16	14
..	..	..	..	..	0·16	0·14	..	..	..	1·31	0·66	4 5	1·34	15
0·02	0·02	..	..	..	..	0·04	..	..	..	0·10	0·04	20 21	0·10	16
..	..	..	..	..	..	..	..	..	..	0·34	0·33	2 3	0·37	17
..	..	..	..	..	..	..	..	..	..	0·52	0·27	1 2	0·54	18
..	..	..	..	..	..	..	..	..	..	..	..	..	..	19
..	..	..	..	..	..	..	..	..	..	0·01	0·01	5 6	0·01	20
..	..	..	..	..	..	..	..	..	..	0·01	0·01	0 1	0·01	21
..	..	..	..	..	..	..	..	..	..	..	..	..	..	22
..	..	..	..	..	..	..	..	..	..	..	..	..	..	23
..	..	..	..	..	..	..	..	..	..	..	..	..	..	24
..	..	..	..	..	..	..	..	..	..	..	..	..	..	25
..	..	..	..	..	..	..	..	..	..	..	..	..	..	26
..	..	..	..	..	0·04	0·07	0·10	0·02	0·02	0·93	0·61	0 1	0·95	27
..	0·01	..	..	..	..	..	..	..	..	..	..	..	..	28
..	..	..	..	..	0·04	0·01	..	..	..	1·65	0·56	10 11	1·68	29
..	0·12	..	0·01	..	0·02	0·09	0·07	0·05	0·10	0·77	0·13	12 13	0·78	30
0·02	0·14	..	0·02	..	0·27	0·35	0·23	0·07	0·42	6·65	..	..	6·81	Total

* Adopted as the standard instrument in the observatory since 1845.

RAINFALL (IN INCHES), 1926.

(Totals for periods of sixty minutes from full hour to full hour of local mean time.)

JULY.

(FROM PLUVIOGRAPH RECORDS.)

Date.	Hours.													
	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14
1	0·15	0·19	..	0·11	..	0·01	0·02	0·03	..	..	..	..	..	0·15
2	..	..	..	0·03	..	..	..	0·02	0·15	..	..	..	..	..
3	..	..	..	..	..	0·27	0·10	0·01	..	..	..	..	..	0·27
4	..	0·09	0·05	0·02	1·07	0·40	0·05	0·02	..	..	..	..	0·01	0·74
5	..	0·17	0·02	0·09	0·20	0·23	0·07	0·26	0·16	0·31	0·10	..	..	0·02
6	0·01	..	..	..	..	..	0·04	0·04	..	..	0·01	..	..	0·11
7	..	0·01	0·26	0·02	0·01	0·02	..	0·02	0·07	0·01	0·01	0·02	0·04	0·03
8	0·05	0·25	0·60	0·28	0·20	0·19	0·83	0·55	0·55	0·52	0·98	0·65	0·88	0·51
9	..	0·01	..	..	..	0·01	..	..	..	..	..	..	..	..
10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11	..	0·01	..	0·03	..	0·02	..	..	0·13	0·38	0·71	0·04	0·39	0·02
12	0·07	..	..	..	..	0·01	0·02	0·01	..	..	0·01	..	..	..
13	0·01	0·02	..	0·04	0·01	0·01	..	0·01	..	..	0·33	0·01	..	..
14	..	0·01	..	..	..	0·01	..	..	..	..	..	..	..	..
15	..	0·01	0·05	..	..	0·01	0·23	0·04	..	0·02	..	..	..	..
16	..	0·01	..	..	..	0·01	..	..	..	0·01	0·05	0·42	0·16	0·24
17	..	..	..	..	..	..	..	..	0·08	0·01	..	..	..	..
18	..	..	..	..	..	..	..	..	..	0·01	..	0·14	..	..
19	..	..	..	..	..	..	..	..	..	..	..	..	..	..
20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
21	..	..	..	..	..	..	..	..	..	0·02	..	..	..	..
22	..	..	..	..	..	..	..	..	..	..	..	..	0·12	..
23	..	..	..	..	..	..	..	..	..	..	..	..	..	..
24	..	0·47	..	..	0·02	0·02	..	..	0·16	0·02	..	..	..	..
25	..	..	..	..	..	..	0·04	0·09	0·01	0·16	0·33	0·10	0·32	0·02
26	..	..	..	0·01	..	0·01	..	..	..	..	0·02	..	0·02	..
27	..	..	..	0·01	..	0·07	..	..	..	..	..	..	..	0·02
28	..	0·01	0·05	0·11	0·04	0·01	..	..	0·01	..	..	..	..	..
29	0·01	0·11	..	..	..	0·02	0·26	0·02	0·07	0·01	..	..	..	..
30	0·05	..	..	..	..	..	..	0·01	..	..	..	0·03	0·02	0·01
31	..	0·01	..	..	..	..	..	0·01	..	0·07	0·16	0·02	..	..
Total ..	0·35	1·38	1·03	0·75	1·55	1·33	0·66	1·14	1·39	1·55	2·71	1·43	1·96	2·14

AUGUST.

1	..	0·09	0·01	..	..	..	0·01	..	0·01	..	..	0·36	0·14	0·27
2	..	..	..	0·11	0·01	0·01	..	0·01	0·08	0·03	..	..	..	..
3	..	..	..	0·01	..	0·01	..	..	..	..	..	..	..	..
4	..	..	..	..	..	..	..	..	..	..	..	0·04	..	0·06
5	0·03	..	..	0·01	..	0·26	..	..	..	0·01	..	..	..	0·08
6	0·06	..	..	..	..	..	..	..	..	..	..	..	..	..
7	..	0·01	..	..	0·25	0·07	0·23	0·02	0·03	..	0·03	0·01	..	..
8	0·01	0·14	..	0·07	0·03	0·05	0·16	0·03	..	0·07	1·17	0·23	0·06	0·21
9	0·13	0·18	0·04	0·20	0·02	0·12	0·02	0·16	0·16	0·03	..	..	0·05	0·01
10	..	0·03	..	0·25	..	..	..	..	..	0·09	..	..	..	0·01
11	0·03	0·07	0·01	0·02	0·01	..	..	0·03	..	0·01	..	..	..	..
12	..	0·08	..	0·01	0·13	0·01	0·05	0·01	0·08	0·03	..	..	..	..
13	0·17	0·13	..	..	..	..	..	..	0·02	..	..	..	0·01	0·09
14	..	..	0·01	0·09	..	0·14	..	0·21	0·17	0·01	..	0·10	..	..
15	0·02	..	..	0·21	0·03	0·23	..	0·15	..	..	..	..	0·02	0·09
16	..	0·05	..	..	..	..	0·02	..	..	..	0·01	..	0·02	..
17	..	..	..	..	..	0·02	..	..	..	..	..	..	..	..
18	..	..	..	..	..	..	..	0·09	..	..	..	..	..	0·01
19	..	..	0·01	..	..	..	..	..	..	..	..	..	..	..
20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
21	0·02	..	..	..	..	..	..	..	..	..	..	..	..	..
22	..	0·02	..	..	..	0·12	..	..	..	..	..	..	..	..
23	0·04	0·02	0·02	0·02	0·05	0·15	..	0·01	..	0·01	..	..	..	..
24	..	..	..	0·04	..	..	..	..	..	..	..	..	..	..
25	..	..	0·03	..	..	0·01	..	..	..	..	..	0·10	..	0·03
26	..	..	..	..	..	..	..	..	0·03	..	..	..	..	..
27	..	0·01	..	..	..	0·01	..	..	..	..	..	0·11	0·01	0·01
28	0·11	..	..	..	..	0·01	..	0·03	0·02	0·06	0·02	0·01	0·03	..
29	..	0·03	..	0·02	..	..	0·02	..	..	..	..	0·01	..	0·07
30	..	..	..	..	..	..	..	..	..	..	..	..	..	0·02
31	..	..	..	0·03	..	0·03	..	..	..	..	..	..	..	..
Total ..	0·62	0·86	0·13	1·09	0·55	1·25	0·51	0·78	0·60	0·35	1·23	0·94	0·34	0·96

(Totals for periods of sixty minutes from full hour to full hour of local mean time.)

JULY.

(FROM PLUVIOGRAPH RECORDS.)

Hours. 14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Daily total.	Maximum fall in one hour.	Time of occurrence. H. to H.		Daily* total by Newman Raingauge.	Date.
0·01	0·06	..	..	..	..	..	..	..	..	0·73	0·19	1	2	0·75	1
..	0·45	..	..	..	..	..	..	..	..	0·65	0·45	15	16	0·64	2
..	..	..	0·07	..	0·17	..	0·01	..	..	0·90	0·27	5	6	0·93	3
0·59	0·14	0·19	0·09	0·21	0·17	0·23	0·23	0·13	0·04	4·47	1·07	4	5	4·61	4
0·05	0·13	0·15	..	..	..	..	0·04	..	..	2·00	0·26	7	8	2·08	5
0·28	0·50	..	..	..	0·10	..	0·04	..	0·22	1·35	0·50	15	16	1·37	6
0·02	0·03	..	0·01	..	0·15	..	0·02	..	0·04	0·79	0·26	2	3	0·85	7
0·13	0·04	..	0·26	..	0·12	0·26	0·09	0·02	0·02	7·98	0·98	10	11	8·21	8
..	..	..	..	..	..	..	..	..	..	0·02	0·01	1	2	0·02	9
..	..	..	..	..	..	..	..	..	..	..	..	..		..	10
..	..	..	..	..	..	0·06	0·10	0·04	0·06	1·99	0·71	10	11	2·02	11
..	..	0·11	0·03	..	0·06	..	..	..	..	0·32	0·11	16	17	0·32	12
..	..	..	..	..	..	..	..	..	..	0·44	0·33	10	11	0·46	13
0·01	..	..	0·01	..	..	..	0·01	..	..	0·05	0·01	1	2	0·04	14
..	..	0·16	0·02	0·08	..	..	0·19	0·32	0·13	1·26	0·32	22	23	1·28	15
..	..	..	..	..	..	..	..	..	..	0·90	0·42	11	12	0·92	16
..	..	..	..	0·02	0·02	..	..	0·05	0·02	0·20	0·08	8	9	0·19	17
..	..	..	..	..	..	..	..	..	..	0·15	0·14	11	12	0·16	18
..	..	..	..	..	..	..	0·01	..	..	0·01	0·01	21	22	0·01	19
..	..	..	..	..	0·25	..	0·01	..	..	0·26	0·25	19	20	0·26	20
..	..	..	..	..	..	..	..	..	..	0·02	0·02	9	10	0·02	21
..	..	..	..	..	..	..	..	..	..	0·12	0·12	12	13	0·12	22
..	..	..	0·10	..	..	..	0·01	..	0·01	0·12	0·10	17	18	0·12	23
..	..	..	..	..	..	..	..	0·15	0·09	0·93	0·47	1	2	0·94	24
..	0·05	..	..	0·02	0·49	0·25	0·12	0·20	0·08	2·28	0·49	19	20	2·35	25
..	..	..	..	..	0·07	..	..	..	0·03	0·16	0·07	19	20	0·16	26
..	..	..	..	..	..	..	0·02	..	..	0·12	0·07	5	6	0·12	27
..	0·02	0·24	..	..	..	..	0·02	0·05	0·03	0·59	0·24	16	17	0·62	28
..	..	..	..	..	..	..	0·04	..	..	0·54	0·26	6	7	0·55	29
..	..	0·01	..	..	..	..	..	..	..	0·13	0·05	0	1	0·13	30
..	0·03	..	0·01	..	0·1	0·01	0·01	..	0·09	0·43	0·16	10	11	0·43	31
1·09	1·45	0·86	0·60	0·33	1·61	0·81	0·97	0·96	0·86	29·91	..	..		30·68	Total.

AUGUST.

0·21	0·09	..	0·06	..	..	..	..	..	..	1·25	0·36	11	12	1·25	1
..	0·06	..	0·01	..	..	..	0·03	..	..	0·37	0·11	3	4	0·39	2
0·04	0·01	..	0·01	..	..	..	..	..	..	0·08	0·04	14	15	0·09	3
..	..	..	..	..	0·06	..	..	..	..	0·13	0·06	13	14	0·13	4
..	..	..	..	..	..	..	..	..	..	0·39	0·26	5	6	0·40	5
0·01	0·01	..	..	..	..	..	..	0·02	..	0·13	0·06	0	1	0·13	6
0·02	..	0·29	..	..	..	0·29	0·33	0·18	0·07	1·83	0·33	21	22	1·88	7
0·01	0·01	0·57	0·75	0·41	0·37	0·12	0·35	0·15	0·30	5·27	1·17	10	11	5·39	8
0·01	..	..	0·04	0·36	0·04	0·84	0·64	0·22	0·04	3·31	0·84	20	21	3·46	9
..	0·03	..	0·02	0·10	0·01	0·03	0·04	0·09	0·06	0·76	0·25	3	4	0·83	10
..	..	0·04	0·05	..	..	..	..	..	..	0·27	0·07	1	2	0·27	11
..	..	..	..	..	..	..	..	..	..	0·40	0·13	4	5	0·42	12
..	0·09	..	..	0·05	0·02	0·11	..	..	..	0·69	0·17	0	1	0·70	13
..	..	..	0·05	0·14	0·08	..	0·09	0·27	0·03	1·42	0·27	22	23	1·49	14
..	..	..	..	..	0·02	0·09	..	..	..	0·86	0·23	5	6	0·90	15
0·01	..	0·02	0·03	..	0·03	0·05	..	..	..	0·24	0·05	1	2	0·24	16
..	..	..	..	..	..	..	..	..	..	0·02	0·02	5	6	0·02	17
..	..	..	..	..	..	..	0·04	..	..	0·14	0·09	7	8	0·13	18
..	..	..	..	..	..	..	..	..	..	0·01	0·01	2	3	0·01	19
..	..	..	..	..	..	..	..	..	0·02	0·02	0·02	23	24	0·02	20
..	..	..	..	..	..	..	..	..	..	0·02	0·02	0	1	0·02	21
..	..	..	..	..	0·02	..	..	0·05	..	0·21	0·12	5	6	0·22	22
..	..	0·03	..	0·18	..	0·04	0·02	..	..	0·56	0·18	18	19	0·59	23
..	0·14	..	..	..	..	..	0·02	..	..	0·20	0·14	15	16	0·20	24
..	..	..	..	..	..	..	0·03	..	..	0·20	0·10	11	12	0·21	25
..	..	0·03	..	0·01	..	..	0·01	..	..	0·08	0·03	8	9	0·07	26
..	..	..	..	..	0·02	0·17	0·26	0·16	0·12	0·88	0·26	21	22	0·89	27
..	..	0·11	0·01	..	..	..	..	0·22	0·08	0·74	0·22	22	23	0·74	28
0·24	0·08	0·01	0·03	..	..	..	0·01	..	..	0·52	0·24	14	15	0·54	29
..	0·01	..	0·04	0·01	..	..	0·02	..	..	0·10	0·04	17	18	0·09	30
..	0·02	..	..	..	0·10	..	0·01	..	..	0·19	0·10	19	20	0·21	31
0·58	0·55	1·10	1·13	1·26	0·77	1·71	1·90	1·36	0·72	21·29	..	..		21·93	Total.

* Adopted as the standard instrument in the Observatory since 1845.

(Totals for periods of sixty minutes from full hour to full hour of local mean time.)

(FROM PLUVIOGRAPH RECORDS.)

SEPTEMBER.

Date.	Hours.													
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
1	..	..	..	0·01	0·43	0·50	..	0·01	..	..	..	..	..	..
2	..	..	0·01	..	..	..	..	..	..	0·01	..	..	0·02	0·02
3	..	..	..	..	..	..	..	..	0·15	0·06	..	0·01	..	0·11
4	..	0·01	..	..	..	..	..	..	..	..	..	..	..	..
5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
9	0·03	0·01	..	..	..	..	..	..	..	..	..	..	..	..
10	..	..	..	..	..	..	..	0·12	..	..	..	..	..	..
11	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12	..	..	..	..	..	0·05	..	..	..	0·01	..	..	..	..
13	..	..	0·03	0·01	..	..	0·01	..	..	..	..	..	..	..
14	..	..	..	..	0·01	0·01	0·01	..	0·02	0·04	0·02	0·78	0·19	0·03
15	0·24	0·14	0·05	0·02	0·16	0·50	0·21	0·10	0·06	0·01	..	0·24	0·14	0·02
16	0·06	0·05	0·19	0·25	0·07	..	..	0·14	..	0·07	..	..	..	0·01
17	..	..	..	..	..	0·01	..	0·01	..	..	..	0·12	..	..
18	..	0·02	0·03	0·01	..	..	0·03	0·02	0·05	..	..	..	..	..
19	..	..	..	..	..	..	..	..	..	..	..	..	..	..
20	..	..	..	..	..	0·09	..	0·01	..	..	..	..	..	..
21	..	..	..	..	..	..	..	..	..	..	..	..	..	..
22	..	..	0·03	0·01	..	0·01	..	..	..	..	..	..	..	0·02
23	..	..	..	..	..	..	..	..	..	..	..	..	..	..
24	0·05	0·05	..	..	..	0·01	..	..	..	0·02	..	..	..	..
25	..	..	0·07	..	..	0·08	..	..	..	..	..	..	..	..
26	..	..	..	..	..	..	..	..	..	..	..	..	..	..
27	..	..	..	..	..	..	..	..	..	..	..	..	..	..
28	0·08	..	..	..	0·05	..	..	..	..	..	..	..	..	..
29	..	..	..	..	..	..	..	..	..	..	..	..	..	..
30	..	..	0·01	0·20	..	..	..	..	..	..	..	..	..	..
Total .	0·46	0·28	0·42	0·51	0·72	1·26	0·26	0·41	0·28	0·22	0·02	1·15	0·35	0·21

OCTOBER.

Date.	Hours.													
	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14
1	..	0·49	0·26	0·38	..	..	..	..	..	..	..	..	..	..
2	..	..	..	0·03	..	..	..	..	..	..	..	..	..	..
3	0·06	..	..	0·01	..	..	..	..	..	..	..	..	..	..
Total .	0·06	0·49	0·26	0·42	..	..	..	..	..	..	..	..	..	..

(Totals for periods of sixty minutes from full hour to full hour of local mean time.)

(FROM PLUVIOGRAPH RECORDS.)

SEPTEMBER.

Hours. 14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Daily total.	Maximum fall in one hour.	Time of occurrence.	Daily* total by Newman Raingauge.	Date.
												H. to H.		
..	..	..	..	..	..	..	..	..	..	0·95	0·50	5 6	0·96	1
..	0·03	..	..	..	..	..	..	..	..	0·09	0·03	15 16	0·13	2
..	..	..	..	..	..	..	0·01	..	..	0·34	0·15	8 9	0·32	3
..	..	..	..	..	..	..	..	..	..	0·01	0·01	1 2	0·01	4
..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
..	..	..	..	..	..	..	..	..	..	..	..	..	..	6
..	..	..	..	..	..	..	..	..	..	..	..	..	..	7
..	..	..	..	..	0·01	..	..	..	..	0·01	0·01	19 20	0·01	8
..	..	..	..	..	..	..	..	..	..	0·04	0·03	0 1	0·04	9
..	..	..	..	..	..	..	..	..	..	0·12	0·12	7 8	0·12	10
..	..	..	..	..	..	..	..	..	..	..	..	..	..	11
..	..	..	..	..	..	..	..	..	..	0·06	0·05	5 6	0·06	12
..	..	..	..	..	..	..	..	..	..	0·05	0·03	2 3	0·04	13
..	0·02	0·07	0·07	0·10	0·22	0·15	0·18	0·13	0·22	2.27	0·78	11 12	2·28	14
0·03	0·03	0·02	..	..	..	..	0·10	0·05	0·04	2·16	0·50	5 6	2·19	15
..	..	..	..	..	0·02	0·15	..	..	..	1·01	0·25	3 4	1·03	16
..	0·10	..	0·02	..	..	..	..	..	..	0·26	0·12	11 12	0·26	17
..	..	..	0·01	..	..	..	0·01	..	..	0·18	0·05	8 9	0·18	18
..	..	..	..	..	0·03	..	..	..	0·02	0·05	0·03	19 20	0·05	19
..	..	..	..	..	..	..	..	..	..	0·10	0·09	5 6	0·10	20
..	..	..	..	..	0·02	..	..	..	..	0·02	0·02	19 20	0·02	21
..	..	0·06	0·01	..	0·02	0·05	0·02	..	..	0·23	0·06	16 17	0·24	22
..	..	..	..	..	0·02	..	0·01	0·05	..	0·08	0·05	22 23	0·07	23
..	..	..	..	..	..	..	..	..	..	0·13	0·05	0 1	0·13	24
..	..	..	..	..	..	..	..	..	..	0·15	0·08	5 6	0·17	25
..	..	..	..	..	..	..	..	..	..	..	..	..	..	26
..	..	..	..	..	..	..	..	..	0·04	0·04	0·04	23 24	0·04	27
..	..	..	..	..	..	..	0·05	..	..	0·18	0·08	0 1	0·17	28
..	..	..	..	..	..	..	..	..	..	..	..	..	..	29
..	..	..	..	..	..	..	..	..	..	0·21	0·20	3 4	0·22	30
0·03	0·18	0·15	0·11	0·10	0·34	0·35	0·38	0·23	0·32	8·74	..	..	8·84	Total.

OCTOBER.

Hours. 14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	Daily total.	Maximum fall in one hour.	Time of occurrence.	Daily* total by Newman Raingauge.	Date.
												H. to H.		
..	..	..	..	..	..	..	..	..	..	1·13	0·49	1 2	1·14	1
..	..	..	..	..	..	..	..	0·01	0·04	0·08	0·04	23 24	0·08	2
..	..	..	..	..	..	..	..	..	..	0·07	0·06	0 1	0·07	3
..	..	..	..	..	..	..	..	0·01	0·04	1·28	..	..	1·29	Total.

* Adopted as the standard instrument in the Observatory since 1845.

NOTE.—The months of February, March, April, November and December were dry.

Total fall of rain in the year was 70·90″ by Pluviograph and 72·64″ by Newman; the difference is due difference in heights of the receiving funnels of the two instruments.

Total number of rainy days in the year was 80, assuming a 'rainy day' to be one on which a tenth of an inch or upwards has fallen.

The greatest fall of rain during a day in the year, that of 8th July, was 7·98″ by Pluviograph and 8·21 by Newman.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JANUARY. (IN MILES PER HOUR.)

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	5	7	9	7	8	7	7	5	6	6	7	6	7	11	13
2	5	4	5	6	6	6	7	7	7	6	5	4	4	8	10
3	6	7	6	7	8	11	14	19	22	13	19	19	18	15	10
4	7	5	6	7	8	9	8	8	9	9	5	6	4	8	8
5	7	7	5	8	9	10	10	10	10	9	9	10	8	11	12
6	8	8	8	9	11	10	9	8	8	7	7	9	12	14	17
7	12	10	8	11	9	7	8	10	9	8	10	7	12	15	16
8	6	7	8	8	8	9	10	8	6	5	6	7	11	14	14
9	8	7	7	7	7	7	9	6	7	7	8	8	15	18	18
10	9	9	8	9	11	13	12	12	12	11	7	5	8	12	13
11	5	4	7	8	8	9	10	10	12	11	9	8	6	7	12
12	7	7	5	6	5	6	7	3	5	6	7	8	8	8	10
13	8	12	14	11	10	10	6	6	6	7	5	6	11	15	17
14	11	7	6	6	6	6	8	7	8	10	7	5	8	13	11
15	7	7	7	6	5	7	7	6	5	5	3	5	8	11	10
16	7	7	7	9	8	7	8	8	9	8	4	7	10	14	17
17	6	10	14	15	14	13	11	8	7	5	7	10	13	18	19
18	6	9	11	12	14	10	8	9	11	12	10	13	15	20	16
19	12	9	10	12	10	9	7	7	6	9	7	10	15	16	18
20	9	7	5	5	7	7	6	6	5	6	5	9	11	13	14
21	9	7	5	6	6	6	9	7	6	5	5	9	12	13	14
22	7	6	8	7	6	8	13	9	6	5	3	4	5	6	10
23	6	6	5	8	5	4	7	5	7	5	4	6	10	10	13
24	7	10	10	12	15	12	8	5	6	6	6	4	9	12	13
25	4	4	5	6	7	8	5	7	7	6	3	3	5	9	12
26	11	10	9	8	11	8	7	6	10	11	8	5	6	9	10
27	9	9	10	14	15	15	12	11	13	8	6	8	7	9	11
28	8	10	10	12	13	12	9	10	9	8	7	5	4	7	11
29	7	6	6	10	7	18	17	10	12	7	13	13	12	12	11
30	7	7	11	10	10	8	6	6	7	6	4	8	11	11	8
31	5	5	3	3	4	4	5	2	5	7	5	3	5	10	
Mean ..	7·5	7·4	7·7	8·5	8·7	8·9	8·7	7·9	8·4	7·5	6·8	7·4	9·4	11·9	12·9

FEBRUARY.

1	6	6	6	6	8	9	10	10	9	9	11	10	9	10	16
2	9	7	8	8	9	8	8	7	7	6	7	15	19	20	21
3	6	7	9	10	11	10	7	6	6	4	6	6	11	13	15
4	9	11	10	9	11	12	10	8	9	7	6	9	11	14	17
5	5	5	5	5	10	11	7	6	7	11	10	10	13	14	14
6	4	3	6	10	8	6	8	6	6	4	4	9	11	12	13
7	7	9	7	7	7	6	7	5	5	5	5	5	8	13	16
8	7	9	6	5	6	9	8	8	5	5	5	9	12	13	14
9	6	8	7	9	8	5	8	5	5	4	3	8	11	12	17
10	5	6	6	7	7	9	7	8	8	6	9	10	16	17	17
11	10	13	16	13	11	10	9	6	6	5	5	8	8	11	14
12	7	5	7	7	6	6	5	5	8	5	2	6	7	8	8
13	3	2	5	5	4	5	9	5	8	3	3	7	10	12	14
14	12	12	10	9	8	7	6	8	8	8	5	10	10	13	14
15	7	4	5	7	8	7	6	7	6	5	5	4	6	7	10
16	7	6	5	5	5	5	5	4	2	3	9	13	12	12	13
17	6	10	7	10	11	13	11	10	8	5	3	4	8	9	12
18	6	7	11	16	9	8	7	4	6	8	6	10	10	11	12
19	6	10	10	5	6	7	6	3	2	6	8	11	14	14	13
20	4	5	7	6	8	7	5	3	4	7	9	10	11	12	13
21	4	5	4	4	5	5	6	6	7	9	7	7	11	12	15
22	5	4	4	4	6	7	9	9	10	8	8	10	11	13	13
23	7	10	12	11	8	7	6	7	4	7	11	10	11	14	19
24	12	11	10	10	9	7	5	2	5	5	2	5	8	10	13
25	10	11	8	6	6	6	6	7	6	5	3	2	7	10	13
26	15	14	10	6	5	3	6	10	9	6	3	3	9	12	14
27	4	5	5	6	5	4	5	4	3	3	4	8	11	13	14
28	10	13	12	10	7	7	7	6	3	2	3	8	11	13	14
Mean ..	7·1	7·8	7·8	7·7	7·6	7·4	7·1	6·3	6·1	5·7	5·8	8·1	10·5	12·3	14·2

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

(IN MILES PER HOUR.)

JANUARY.

Hours. 15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.	Mean by R. Beckley's anemograph.	Maximum. Time.		Mag.	Minimum. Time.		Mag.	Date.
											H.	M.		H.	M.		
14	14	14	15	14	7	7	6	5	8·6	4·7	18	49	20	7	17	4	1
10	13	14	11	7	6	5	5	7	7·0	4·0	16	27	21	12	49	3	2
14	12	12	11	12	9	7	6	6	11·8	8·3	9	6	27	0	45	4	3
7	7	8	8	9	9	7	7	7	7·3	4·3	19	44	13	12	17	4	4
12	12	12	13	12	12	8	9	10	10·0	5·9	15	12	18	2	38	5	5
18	16	18	20	19	20	15	11	9	12·1	7·5	20	33	29	10	19	3	6
17	17	16	15	15	11	12	11	7	11·4	7·1	14	50	24	20	0	4	7
15	15	16	16	16	15	10	9	9	10·3	6·3	19	10	23	9	19	3	8
17	18	19	20	20	17	11	9	7	11·5	7·3	19	17	29	11	25	4	9
15	15	15	14	14	11	7	6	5	10·5	6·5	17	40	22	11	16	4	10
13	12	14	13	11	8	6	6	7	9·0	5·3	17	30	19	1	50	4	11
15	15	14	8	12	9	8	8	9	8·2	4·7	15	52	20	9	50	3	12
18	16	16	16	15	13	12	9	9	11·2	7·0	16	9	26	10	32	4	13
11	11	11	11	10	6	6	6	6	8·2	4·8	13	58	17	11	17	4	14
11	11	10	8	8	8	8	8	8	7·5	4·2	13	18	14	11	11	2	15
17	18	19	20	17	11	8	6	6	10·5	6·3	17	12	29	8	5	3	16
20	20	22	22	22	15	9	10	7	13·2	8·3	18	25	32	9	23	3	17
19	18	18	17	14	13	13	12	13	13·0	8·1	17	59	28	11	22	5	18
20	20	20	20	20	17	10	10	10	12·7	8·1	17	30	30	11	20	2	19
15	15	14	15	18	13	13	13	10	10·0	6·3	19	56	24	10	33	1	20
15	17	18	14	13	12	10	7	6	9·6	6·0	16	28	22	10	58	3	21
10	13	14	13	10	8	4	4	4	7·6	4·5	17	18	18	10	40	2	22
15	15	14	13	12	11	8	8	6	8·5	5·5	15	57	22	8	10	2	23
15	16	16	17	17	17	10	9	6	10·7	7·0	20	16	24	8	49	3	24
12	13	9	8	9	8	9	10	11	7·5	4·6	16	13	17	11	55	3	25
11	11	12	14	14	15	9	8	9	9·7	6·3	18	53	20	7	32	3	26
11	11	9	8	9	7	5	3	3	9·3	6·3	3	54	18	23	52	3	27
11	10	13	13	11	8	6	6	6	9·1	5·7	17	39	18	12	50	4	28
10	10	13	10	10	13	11	10	7	10·0	6·9	17	50	40	2	36	4	29
14	13	13	13	11	11	11	9	7	9·5	6·1	17	23	21	1	3	1	30
7	6	4	4	5	5	8	9	6	5·3	3·0	13	45	13	7	34	2	31
13·8	13·9	14·0	13·5	13·1	11·1	8·8	8·1	7·4	9·7	6·0							Mean.

FEBRUARY.

17	18	20	18	16	15	12	7	9	11·1	7·7	17	53	30	8	52	5	1
20	18	16	17	15	12	9	8	6	11·7	7·7	15	9	30	10	17	3	2
15	20	18	18	18	16	12	8	8	10·8	6·7	16	45	26	9	34	2	3
18	18	17	16	15	13	9	7	8	11·3	7·5	15	18	27	10	46	3	4
13	15	14	14	14	12	9	5	5	9·7	6·4	15	4	21	8	20	3	5
14	16	16	16	14	12	9	7	7	9·2	5·9	18	25	25	2	30	3	6
16	17	15	16	15	14	13	12	7	9·9	6·4	14	35	25	9	50	3	7
14	12	13	13	12	11	8	8	6	9·1	5·5	14	43	19	10	53	2	8
17	14	12	12	7	6	5	5	6	8·3	5·2	14	23	22	10	45	0	9
19	18	17	16	14	12	7	9	8	10·7	6·8	16	15	26	9	25	3	10
15	14	12	11	10	7	6	5	6	9·6	6·3	2	37	22	10	43	2	11
9	11	8	3	3	2	5	4	3	5·8	3·5	16	44	14	10	55	1	12
16	16	14	10	5	3	5	5	10	7·5	5·1	14	35	22	10	47	0	13
16	15	14	15	15	10	8	8	9	10·4	6·9	15	16	23	10	48	2	14
12	15	13	7	5	5	5	5	7	7·0	4·6	16	19	20	2	25	3	15
13	14	14	14	14	14	9	8	6	8·8	5·6	16	32	22	9	7	0	16
14	12	13	13	10	9	9	9	7	9·3	6·2	15	36	19	11	11	1	17
13	16	12	10	5	5	5	5	2	8·5	5·8	3	40	22	23	5	2	18
13	13	12	15	14	10	5	5	5	8·9	5·8	12	23	20	8	45	1	19
14	12	11	11	11	11	7	5	5	8·3	5·5	15	15	19	7	26	2	20
15	15	13	11	7	5	5	4	4	7·8	5·4	16	3	20	11	22	1	21
13	13	16	17	16	15	14	7	6	9·9	6·3	17	4	23	10	22	2	22
18	16	13	16	17	11	10	8	11	10·0	7·2	14	55	26	8	55	2	23
14	16	17	19	18	15	7	8	7	9·8	6·7	18	1	25	10	42	0	24
13	13	14	11	6	6	14	18	18	9·1	6·6	22	45	23	10	40	0	25
16	14	11	6	8	8	7	6	6	8·6	6·0	15	52	22	11	35	1	26
18	17	12	13	12	11	5	5	6	8·0	5·6	15	45	25	10	13	1	27
15	15	16	14	9	8	3	1	9	9·0	6·2	16	6	22	9	17	0	28
15·0	15·1	14·0	13·3	11·6	9·9	7·9	6·9	7·0	9·3	6·1							Mean.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

(IN MILES PER HOUR.)

MARCH.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	12	8	5	3	3	3	5	2	1	3	3	7	8	10	13
2	4	6	5	6	6	6	5	4	3	2	12	13	12	14	15
3	10	6	6	6	7	5	3	2	5	5	8	11	11	14	16
4	3	5	4	4	4	4	5	6	5	4	7	10	13	13	12
5	3	4	7	5	5	9	8	8	9	8	9	11	13	15	16
6	8	10	13	9	6	6	6	4	6	8	12	13	11	14	15
7	7	8	11	11	13	14	14	14	13	12	10	10	11	14	14
8	11	7	7	10	9	6	7	7	6	5	4	7	10	12	14
9	6	6	6	6	6	6	6	5	7	9	6	6	14	16	14
10	10	10	8	6	7	7	7	6	7	7	14	14	13	16	17
11	7	7	7	7	7	6	7	7	7	7	7	12	13	15	16
12	10	9	9	7	5	5	5	3	1	5	8	10	12	13	14
13	8	8	7	6	4	4	4	3	5	3	6	10	13	17	18
14	7	6	7	7	7	5	4	4	5	5	6	10	8	12	12
15	6	9	9	11	10	10	6	5	5	6	11	12	15	15	16
16	5	6	6	5	5	6	7	7	7	6	5	9	9	11	12
17	9	8	10	9	7	6	5	6	7	7	6	13	12	12	11
18	5	5	5	5	11	11	10	7	7	6	6	10	10	12	11
19	5	5	3	5	6	7	8	7	8	8	9	10	11	12	14
20	6	7	8	9	9	9	7	10	9	11	13	14	18	19	18
21	16	16	7	8	8	8	8	7	8	12	15	15	17	18	16
22	6	16	16	8	8	8	12	14	8	11	16	18	20	20	21
23	16	14	13	12	12	13	10	8	11	12	18	20	22	24	24
24	16	13	9	9	10	10	19	10	10	12	13	16	16	18	21
25	13	13	16	14	10	10	10	10	10	7	7	9	12	16	16
26	11	9	7	8	7	6	6	3	2	4	7	10	12	12	12
27	3	4	6	7	5	4	3	1	5	4	4	5	8	11	14
28	7	10	9	7	6	5	5	5	5	4	6	14	14	14	16
29	14	13	13	6	8	7	6	8	9	8	5	9	12	15	16
30	9	12	15	17	14	8	8	7	8	3	8	10	10	14	18
31	5	5	4	3	5	4	5	3	4	5	7	12	12	12	12
Mean ..	8·3	8·5	8·3	7·6	7·4	7·0	6·8	6·2	6·5	6·7	8·6	11·3	12·6	14·5	15·3

APRIL.

1	9	8	7	7	5	5	5	2	5	4	5	7	8	10	11
2	8	7	8	8	8	7	7	8	7	6	7	8	9	11	14
3	5	6	5	5	4	7	9	7	6	9	12	14	14	15	16
4	6	5	4	5	4	4	4	7	8	6	7	7	7	13	17
5	12	8	6	6	8	6	7	7	8	11	13	13	15	18	18
6	5	7	9	11	10	7	6	6	10	8	6	10	13	14	16
7	2	2	2	3	4	3	8	7	6	4	5	8	12	14	15
8	3	4	3	3	4	5	6	9	8	8	8	10	12	15	19
9	5	5	5	5	5	3	3	7	5	5	4	5	8	11	12
10	9	10	11	7	6	8	5	3	5	7	7	7	10	12	13
11	8	7	5	5	6	6	6	6	6	5	5	6	7	8	10
12	5	5	6	7	7	8	7	7	7	6	7	8	9	10	10
13	6	7	7	7	9	9	10	11	12	12	8	8	10	10	10
14	10	11	10	8	8	8	8	8	8	10	10	13	13	13	16
15	4	4	3	4	4	4	5	6	6	4	8	11	13	16	18
16	6	6	7	8	8	7	7	8	9	12	12	14	17	17	17
17	5	5	5	5	6	6	6	4	3	6	6	8	12	15	16
18	8	9	7	7	7	7	5	5	4	7	8	8	10	11	12
19	6	7	6	7	6	6	2	4	4	5	6	6	7	7	8
20	5	5	5	5	6	6	6	8	6	11	13	14	13	13	13
21	8	7	6	7	8	7	5	7	8	12	12	11	12	12	13
22	7	7	8	8	8	8	13	13	9	6	2	7	11	14	16
23	12	10	10	7	7	7	7	8	8	6	12	13	14	16	16
24	7	8	7	5	4	5	4	3	5	4	8	10	12	15	16
25	1	1	8	8	7	6	4	5	5	10	6	7	13	14	12
26	10	11	12	15	13	8	6	3	6	4	6	10	13	13	13
27	12	10	6	4	6	6	5	3	4	8	13	13	15	16	13
28	4	5	6	8	6	6	7	6	4	6	4	6	10	10	13
29	3	4	2	8	7	6	4	6	6	6	8	7	8	10	10
30	5	4	3	4	5	3	1	6	6	3	5	12	16	18	20
Mean ..	6·5	6·5	6·3	6·6	6·5	6·1	5·9	6·3	6·5	7·0	7·8	9·4	11·4	13·0	14 1

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MARCH.

(IN MILES PER HOUR.)

Hours. 15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.	Mean by R. Beckley's anemograph.	Maximum. Time. H. M.	Maximum. Mag.	Minimum. Time. H. M.	Minimum. Mag.	Date.
13	12	13	12	13	12	11	9	5	7·7	5·5	17 2	20	8 22	0	1
14	16	14	14	11	11	13	12	13	9·6	5·8	16 11	22	8 52	0	2
16	14	14	13	11	12	12	12	5	9·3	6·1	15 38	23	6 52	2	3
10	9	8	6	8	7	6	4	3	6·7	4·3	13 10	20	9 50	0	4
18	18	16	15	14	11	8	7	8	10·2	6·4	15 56	27	1 0	2	5
16	14	14	14	15	15	11	9	10	10·8	7·0	14 11	23	8 16	2	6
13	12	12	11	9	9	10	9	8	11·2	6·9	7 15	20	10 53	3	7
15	14	14	11	10	10	10	9	7	9·3	5·9	16 5	19	10 20	0	8
16	17	17	20	16	11	7	8	9	10·0	6·4	18 5	27	11 25	0	9
18	18	19	18	16	12	6	5	5	11·1	7·2	15 18	28	9 44	2	10
16	16	18	18	17	14	10	6	11	10·7	6·7	17 57	24	10 25	2	11
15	16	15	13	12	10	9	7	7	9·2	5·8	16 49	22	9 13	0	12
18	17	14	14	12	11	8	7	8	9·4	6·0	15 47	24	9 33	1	13
13	13	13	14	14	12	9	6	6	8·5	5·3	19 50	20	10 11	2	14
16	15	14	13	11	10	8	7	8	10·3	6·2	14 35	24	8 50	2	15
14	13	12	12	12	12	11	10	9	8·8	5·7	19 6	20	10 40	0	16
13	13	13	14	11	7	7	6	6	9·1	5·9	18 8	21	10 18	0	17
13	13	10	9	11	10	8	7	6	8·7	5·7	15 52	18	2 0	3	18
15	14	12	10	9	6	3	3	3	8·0	5·2	15 15	23	22 4	2	19
20	22	19	18	16	14	13	15	15	13·3	8·4	16 8	31	9 4	4	20
18	16	20	20	19	13	10	11	5	13·0	8·2	17 55	28	9 22	4	21
21	21	19	16	12	11	8	8	10	13·7	8·8	14 38	32	9 15	3	22
24	22	22	21	20	16	12	8	8	15.9	10·4	15 17	34	9 43	6	23
23	23	20	20	21	20	17	15	13	15·1	9·4	16 10	32	7 25	5	24
16	16	15	16	14	11	11	9	10	12·1	8·1	3 9	26	10 3	1	25
13	14	15	10	9	10	11	5	5	8·7	5·8	16 45	20	9 45	0	26
15	15	15	14	13	9	11	5	7	7·8	5·2	17 2	20	10 58	0	27
16	14	12	8	8	9	10	13	14	9·6	6·2	14 42	23	9 55	1	28
17	17	17	15	14	13	10	15	12	11·6	7·6	17 8	24	10 45	0	29
21	18	20	16	10	5	4	4	3	10·9	6·9	16 49	28	10 3	2	30
14	15	12	8	8	9	11	8	7	7·9	4·9	16 32	19	8 9	1	31
16·1	15·7	15·1	14·0	12·8	11·0	9·5	8·4	7·9	10·3	6·6					Mean.

APRIL.

12	13	15	15	14	14	13	9	8	8·8	5·6	17 30	19	9 55	1	1
14	13	13	12	13	13	11	8	8	9·5	6·0	19 15	21	9 18	2	2
13	17	17	16	16	13	10	8	7	10·5	6·9	16 18	22	12 30	2	3
16	15	15	16	15	13	13	12	12	9·6	5·9	15 23	24	10 33	1	4
18	18	16	14	12	12	12	6	5	11·2	7·4	15 30	25	23 30	4	5
16	15	13	11	9	8	7	5	3	9·4	6·1	14 52	23	10 23	3	6
15	15	14	15	12	10	7	6	5	8·1	5·4	14 15	20	9 56	1	7
21	19	16	12	7	9	8	6	5	9·2	6·4	15 44	27	3 5	2	8
11	11	11	11	12	8	10	8	7	7·4	4·2	14 24	18	8 8	0	9
13	12	11	8	8	8	8	8	7	8·5	5·1	15 43	19	7 0	1	10
11	11	10	10	8	8	8	6	5	7·2	4·4	15 36	18	11 7	1	11
10	10	10	7	7	7	5	5	6	7·3	4·3	14 50	16	0 30	2	12
10	8	9	8	8	7	11	11	11	9·1	5·3	21 52	19	11 25	1	13
14	12	8	7	6	6	5	6	6	9·3	5·7	14 7	20	23 10	2	14
19	20	20	20	18	16	12	8	6	10·4	6·7	17 0	29	10 5	0	15
17	16	16	14	9	8	7	7	7	10·7	6·9	14 55	26	7 50	4	16
16	17	14	12	9	7	8	9	8	8·7	5·4	15 12	23	10 45	0	17
11	12	10	8	8	8	8	6	8	8·1	5·2	16 23	17	7 59	1	18
8	9	8	8	7	5	4	4	5	6·0	3·5	13 55	15	8 0	0	19
12	10	10	8	7	8	7	7	7	8·5	5·6	12 46	20	8 16	0	20
14	12	10	8	5	5	5	5	6	8·5	5·2	14 4	21	8 22	2	21
18	18	18	13	12	7	6	7	10	10·3	7·3	15 52	27	10 53	0	22
20	20	18	17	14	12	6	2	6	11·2	7·5	15 37	29	9 49	1	23
15	15	16	14	13	8	5	2	1	8·4	5·8	14 22	24	9 12	1	24
13	13	8	13	9	4	4	7	6	7·7	5·4	16 19	20	1 25	0	25
14	14	12	9	9	6	3	7	12	9·5	6·3	3 42	24	10 1	0	26
14	15	13	11	10	10	8	5	6	9·4	6·5	13 19	24	7 58	0	27
13	10	10	9	6	6	6	6	5	7·2	5·1	15 15	18	8 26	0	28
12	12	12	9	11	12	6	5	5	7·5	4·8	16 7	17	8 32	0	29
20	18	20	16	17	14	9	9	8	10·1	6·7	15 25	29	10 34	0	30
14·3	14·0	13·1	11·7	10·4	9·1	7·7	6·7	6·7	8·9	5·7					Mean.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

(IN MILES PER HOUR.)

MAY.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	12	12	8	7	7	5	7	8	8	9	10	9	12	18	16
2	2	1	1	1	2	4	4	8	8	8	10	12	13	14	15
3	0	12	14	15	12	10	4	5	4	10	7	9	13	15	16
4	4	3	5	4	4	1	1	1	4	7	12	12	17	18	18
5	3	1	0	2	2	0	1	8	4	3	9	12	14	16	17
6	2	0	3	11	13	15	14	14	14	12	12	12	12	12	13
7	4	3	2	1	2	4	6	10	12	10	10	8	11	12	16
8	7	7	6	6	6	3	6	10	6	2	6	12	13	12	15
9	7	5	4	6	5	5	1	6	7	3	6	8	12	14	15
10	7	8	9	10	12	10	10	6	5	5	8	10	13	15	18
11	9	12	12	13	8	9	10	3	8	7	6	6	16	18	22
12	17	18	16	8	8	6	4	10	12	13	12	12	16	18	22
13	18	6	6	5	5	4	7	9	5	7	7	8	10	12	14
14	5	5	6	5	5	5	5	4	3	5	8	10	12	14	16
15	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7
16	12	11	11	9	9	8	8	7	5	6	6	7	8	9	9
17	8	7	7	7	7	7	9	4	3	5	7	9	10	12	15
18	9	10	12	10	9	9	8	9	9	9	10	12	16	17	18
19	10	10	8	8	8	5	1	2	6	8	8	12	14	16	18
20	8	7	7	7	6	7	8	3	4	6	5	6	9	10	12
21	6	5	6	6	8	6	4	3	3	4	6	8	10	12	12
22	7	7	8	10	7	7	6	6	8	10	13	14	15	14	16
23	8	6	5	6	8	7	7	7	7	8	12	14	16	16	18
24	10	6	4	3	4	4	4	4	5	7	10	10	12	14	15
25	6	8	10	6	3	4	3	4	8	8	10	10	11	10	12
26	6	6	6	8	8	9	8	5	6	8	10	10	10	10	11
27	7	7	8	8	8	11	11	12	11	10	8	10	12	13	12
28	2	3	4	5	5	5	5	7	7	8	7	8	8	10	12
29	4	5	5	5	5	5	4	4	4	5	6	8	10	12	[illegible]
30	6	7	3	3	4	3	4	3	5	6	7	8	10	12	[illegible]
31	7	7	8	5	3	6	6	6	8	5	9	10	13	15	[illegible]
Mean ..	7·1	6·8	6·7	6·6	6·4	6·1	5·9	6·4	6·6	7·1	8·5	9·8	12·1	13·5	14

JUNE.

1	1	1	3	3	2	3	3	2	2	6	8	8	10	12	12
2	5	5	6	6	7	7	7	7	8	8	8	10	10	11	12
3	8	8	8	10	10	10	10	10	8	8	10	12	12	12	11
4	11	8	12	11	10	10	11	9	10	11	12	12	12	10	10
5	10	9	8	8	8	7	10	8	8	8	8	10	10	10	10
6	8	8	8	8	7	7	8	7	6	5	10	10	12	13	12
7	10	8	7	5	6	6	6	8	10	8	10	13	15	14	15
8	11	11	8	6	7	6	6	6	8	8	11	11	12	14	17
9	11	10	10	10	7	5	5	7	8	9	8	9	9	10	11
10	10	13	8	6	6	11	7	6	6	7	6	10	13	15	18
11	20	8	8	1	3	0	5	3	1	0	6	7	10	10	11
12	10	11	12	10	10	10	11	10	10	15	13	20	31	32	35
13	22	20	18	19	17	13	16	16	17	20	20	16	21	22	21
14	18	17	17	14	14	19	17	19	20	23	24	25	28	28	28
15	19	18	14	8	12	10	11	12	15	15	11	14	12	13	10
16	14	15	14	14	14	13	13	13	13	12	11	14	17	13	10
17	13	13	11	13	14	12	13	12	11	12	10	10	9	10	9
18	10	13	7	10	10	14	11	10	9	9	10	11	12	10	12
19	8	7	8	8	9	9	11	12	8	7	7	9	10	11	11
20	9	8	8	9	8	8	10	7	7	6	7	8	8	10	10
21	10	11	10	10	10	8	8	9	9	8	7	7	8	8	8
22	8	10	8	8	8	7	8	4	6	4	6	6	7	8	8
23	8	8	7	7	7	5	3	3	3	3	4	6	8	10	10
24	8	9	7	4	5	4	2	1	4	2	3	8	10	13	14
25	6	5	3	3	2	1	1	3	4	2	3	4	6	10	10
26	1	0	1	4	4	12	8	4	2	1	3	3	5	8	11
27	8	10	5	7	8	9	8	8	6	3	3	3	6	9	10
28	11	5	3	5	9	7	10	13	13	11	12	15	16	15	19
29	15	17	14	12	12	13	10	6	7	5	6	9	5	14	16
30	14	14	13	9	9	16	12	16	12	11	16	18	16	15	11
Mean ..	10·6	10·0	8·9	8·3	8·5	8·7	8·7	8·4	8·4	8·2	9·0	10·6	12·0	13·0	13·4

(Averages for periods of sixty minutes from full hour to full hour of local mean time).

MAY. (IN MILES PER HOUR.)

Hours. 15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.	Mean by R. Beckley's anemograph.	Maximum. Time. H.	M.	Mag.	Minimum. Time. H.	M.	Mag.	Date.
15	15	12	7	5	8	7	8	7	9·7	6·5	14	20	25	7	22	3	1
16	18	15	7	4	0	6	3	1	7·2	5·3	16	30	25	19	41	0	2
14	14	12	8	4	4	6	6	6	9·2	6·7	13	56	21	0	20	0	3
18	16	14	14	12	7	4	2	4	8·4	6·0	14	26	24	0	14	0	4
16	14	13	12	8	7	3	3	0	7·0	5·4	14	53	22	23	25	0	5
12	12	11	10	8	4	5	4	4	9·6	7·1	15	44	19	0	36	0	6
16	16	13	10	10	10	8	7	7	8·7	6·1	15	45	21	4	39	0	7
18	16	16	14	14	11	9	8	7	9·6	7·0	15	31	24	8	57	0	8
14	15	16	14	12	10	10	10	10	9·0	6·4	17	9	21	6	50	0	9
20	18	16	16	13	10	9	10	10	11·2	7·6	16	15	27	8	58	0	10
22	18	18	18	17	14	12	10	14	12·8	8·8	14	48	31	11	14	0	11
22	22	20	20	18	22	18	18	20	15·5	10·5	14	50	32	6	35	3	12
14	14	11	9	10	7	6	6	6	8·6	5·8	0	15	25	8	20	2	13
16	17	18	17	14	11	10	10	8	9·5	6·4	17	17	23	8	22	2	14
11	10	9	9	9	10	9	8	8	7·4	4·0	15	31	13	10	30	2	15
10	11	11	9	9	9	9	8	8	8·7	5·0	17	7	16	10	35	2	16
17	18	14	12	12	10	11	8	9	9·5	6·4	16	33	24	7	40	0	17
16	16	15	15	12	9	8	8	10	11·5	8·2	14	30	26	21	33	4	18
17	16	14	13	12	12	12	10	10	10·4	7·5	14	40	25	6	17	0	19
12	11	12	12	10	8	7	8	7	8·0	5·6	6	17	20	7	20	0	20
12	13	14	10	9	9	8	7	7	7·8	5·5	17	10	20	8	23	0	21
16	17	16	14	8	8	8	8	8	10·5	7·5	16	32	27	7	45	3	22
20	16	16	14	10	10	10	9	8	10·7	7·5	15	10	26	2	34	3	23
16	16	14	15	14	10	8	7	7	9·1	6·6	16	37	22	8	37	1	24
13	14	14	13	13	12	8	8	7	9·0	7·0	16	42	20	7	3	0	25
12	13	11	10	9	9	8	9	8	8·7	6·8	16	35	18	7	45	1	26
13	14	12	12	11	9	8	5	3	9·8	7·0	19	2	19	23	57	2	27
12	12	10	11	8	5	5	5	4	7·0	5·1	15	25	17	23	18	0	28
13	12	12	10	8	7	7	8	7	7·4	5·6	15	3	18	8	27	0	29
12	12	12	10	8	6	3	7	5	7·0	5·5	14	43	18	7	36	0	30
16	15	14	13	10	7	6	4	1	8·7	6·3	15	20	21	23	10	0	31
15·2	14·9	13·7	12·2	10·4	8·9	8·0	7·5	7·1	9·3	6·5							Mean

JUNE.

13	14	12	12	8	8	7	4	4	6·6	5·1	15	49	20	3	41	0	1
10	11	10	10	7	8	8	8	8	8·2	4·7	14	35	17	10	10	1	2
10	10	11	12	10	11	11	8	11	10·0	5·6	12	35	20	8	20	1	3
10	11	12	10	9	9	10	10	10	10·4	5·8	1	58	19	11	12	3	4
10	10	9	10	10	10	10	9	8	9·1	5·2	14	5	18	13	48	1	5
12	12	12	8	7	8	8	8	10	8·9	5·7	13	15	18	9	47	1	6
16	15	12	10	10	8	5	4	7	9·5	7·2	16	2	21	22	52	1	7
20	18	13	10	8	9	10	9	8	10·3	7·5	15	52	25	23	28	2	8
13	15	14	11	9	5	4	4	3	8·6	6·4	17	5	22	20	51	0	9
19	18	16	15	10	8	6	3	2	10·0	7·4	16	16	26	23	21	1	10
11	12	12	16	16	17	20	18	15	9·6	8·0	0	13	50	1	7	0	11
39	40	36	33	28	30	27	26	26	21·9	19·6	15	33	50	8	22	5	12
20	16	18	16	17	18	22	22	22	18·7	15·0	22	20	36	11	15	5	13
27	28	25	26	28	27	30	26	25	23·6	20·6	11	53	43	3	27	6	14
12	16	19	20	17	15	16	14	13	14·0	9·7	8	26	33	3	15	4	15
18	15	10	10	13	10	12	13	12	13·0	7·4	15	15	34	14	23	1	16
10	9	9	8	9	10	10	9	10	10·7	5·9	2	45	32	12	36	2	17
13	12	12	10	8	8	8	8	8	10·2	5·9	5	18	26	0	46	3	18
10	9	10	9	6	8	7	7	7	8·7	5·3	7	7	16	19	42	1	19
10	10	11	12	10	8	9	10	10	8·9	5·0	13	13	16	9	22	0	20
8	10	12	10	9	10	8	8	10	9·0	4·8	17	35	19	11	25	0	21
8	10	9	9	10	10	9	8	8	7·8	4·0	0	2	15	7	32	0	22
11	10	9	8	11	10	10	9	9	7·5	4·3	15	31	17	10	27	0	23
15	15	12	10	8	8	8	10	6	7·7	4·2	15	52	22	7	4	0	24
12	10	8	5	6	6	6	6	5	5·3	3·7	15	5	16	9	34	0	25
12	11	10	11	8	8	7	6	4	6·0	4·9	15	26	16	9	48	0	26
9	8	9	8	6	5	8	11	11	7·4	5·2	0	50	26	10	25	0	27
23	20	14	18	14	15	15	15	14	13·0	10·6	15	55	32	1	40	0	28
18	17	9	10	12	11	14	14	11	11·5	9·5	4	7	26	10	24	0	29
15	12	8	9	7	6	6	7	7	11·6	8·7	11	35	29	4	14	3	30
14·5	14·1	12·8	12·2	11·0	10·8	11·0	10·5	10·1	10·6	7·4							Mean

JULY. (Averages for periods of sixty minutes from full hour to full hour of local mean time.) (IN MILES PER HOUR.)

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	8	10	14	13	12	13	10	13	13	13	10	11	13	23	23
2	12	14	19	11	1	1	1	5	11	19	17	16	14	17	18
3	10	10	12	13	11	10	9	10	8	17	17	17	16	22	19
4	16	17	25	23	24	16	17	22	22	22	20	24	20	19	16
5	23	20	20	23	22	25	24	16	18	20	22	24	20	20	23
6	20	21	20	21	20	20	20	18	20	17	15	16	17	20	19
7	15	15	16	14	15	18	17	11	16	17	17	16	16	16	19
8	14	11	9	8	16	15	18	18	17	14	20	18	21	25	24
9	14	12	16	20	20	17	17	16	15	12	13	13	13	12	14
10	12	11	10	12	14	14	14	14	13	13	11	10	13	14	13
11	10	10	9	10	9	9	10	13	12	16	13	5	6	3	0
12	3	7	10	9	11	11	14	14	15	16	16	14	14	14	14
13	15	16	16	16	16	14	13	14	14	14	15	18	15	16	15
14	13	13	14	14	13	12	12	13	13	12	13	13	12	13	13
15	10	9	12	13	12	10	17	14	14	13	13	12	9	9	9
16	23	14	5	4	9	10	10	12	11	11	10	6	5	3	3
17	7	8	8	11	11	10	8	7	8	9	8	12	11	13	12
18	16	16	15	16	14	11	18	15	14	14	15	15	18	18	16
19	16	17	16	18	16	16	14	15	12	14	16	16	16	16	18
20	16	15	16	17	17	16	16	17	17	17	15	13	15	15	13
21	17	16	16	15	14	15	16	16	16	17	18	17	17	17	16
22	14	15	15	15	14	14	16	18	17	16	14	17	16	18	16
23	11	13	13	14	13	13	14	15	16	16	14	14	13	14	15
24	16	14	15	14	15	16	14	15	16	18	20	19	17	18	18
25	17	17	17	23	19	15	16	17	17	25	17	7	8	11	15
26	20	20	18	16	15	16	16	16	16	17	19	16	18	17	17
27	18	18	20	15	16	15	17	15	15	15	16	16	15	17	16
28	16	18	16	17	18	16	16	16	19	16	16	16	16	15	15
29	11	11	14	13	13	10	12	8	10	8	8	9	9	11	14
30	10	11	13	12	12	10	9	9	10	10	10	13	15	10	14
31	15	14	14	15	13	14	13	13	15	14	12	11	15	14	14
Mean . .	14·1	14·0	14·6	14·7	14·4	13·6	14·1	14·0	14·5	15·2	14·8	14·3	14·3	15·2	15·2

AUGUST.

1	12	14	16	20	15	17	16	15	15	18	14	19	14	20	18
2	16	15	20	17	16	16	18	16	15	15	12	13	13	16	15
3	14	16	18	16	18	16	17	18	19	18	17	14	14	14	13
4	13	12	12	14	16	17	18	19	22	23	23	20	17	16	17
5	10	10	10	10	10	6	10	13	13	13	14	15	15	14	14
6	14	15	18	18	19	18	18	17	18	20	14	16	16	13	20
7	16	18	18	20	22	9	13	14	13	13	11	11	11	11	11
8	11	14	12	12	12	12	12	11	8	11	6	10	9	10	6
9	22	18	22	20	19	16	23	20	27	27	18	21	21	18	21
10	24	25	24	26	22	22	20	20	18	17	15	16	17	17	17
11	18	18	17	18	18	18	18	18	18	20	16	17	17	18	17
12	16	16	14	14	12	14	13	12	15	15	11	14	16	15	15
13	13	13	14	14	14	14	14	14	15	15	16	16	14	17	18
14	13	15	15	16	16	18	13	16	15	15	15	15	17	17	16
15	17	24	20	22	18	14	17	18	17	20	19	20	22	24	22
16	19	21	18	20	20	20	18	16	17	18	16	18	17	18	18
17	18	18	17	16	16	14	17	16	17	17	15	16	16	16	16
18	14	16	16	15	14	14	14	8	10	12	14	10	13	12	12
19	11	12	11	11	15	15	15	15	14	12	10	10	12	10	14
20	13	14	12	13	12	13	12	15	16	17	17	16	17	17	14
21	10	13	12	14	12	11	12	12	18	17	15	12	15	12	13
22	13	12	14	13	14	15	16	14	15	15	15	14	14	15	16
23	11	14	12	17	11	11	10	10	14	14	16	18	17	16	13
24	11	12	13	13	14	14	14	13	12	11	10	11	12	14	12
25	12	13	14	6	5	4	4	7	6	6	6	6	8	15	16
26	10	10	11	12	12	12	11	11	13	14	10	7	13	12	12
27	12	11	14	14	11	12	13	12	11	10	12	13	14	15	17
28	11	11	10	12	14	9	9	12	11	12	14	14	16	19	18
29	9	10	8	12	11	11	9	11	11	13	14	10	9	10	14
30	14	14	15	14	13	13	13	14	14	14	16	16	17	17	16
31	16	17	19	22	17	25	19	20	19	20	20	18	19	20	19
Mean . .	14·0	14·9	15·0	15·4	14·8	14·2	14·4	14·4	15·0	15·6	14·2	14·4	14·9	15·4	15·5

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

(IN MILES PER HOUR.)

JULY.

Hours. 15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.	Mean by R. Beckley's anemograph.	Maximum. Time.	Maximum. Mag.	Minimum. Time.	Minimum. Mag.	Date.
											H. M.		H. M.		
15	15	13	14	13	8	5	11	13	12·8	8·3	14 42	33	21 16	1	1
12	13	13	12	11	11	10	9	9	11·5	8·6	15 6	28	4 20	0	2
11	13	15	15	14	14	14	21	19	14·0	10·3	13 31	34	8 28	3	3
16	25	28	24	21	25	20	16	23	20·9	16·5	4 53	47	13 45	4	4
20	20	21	20	20	20	21	21	18	20·9	12·3	14 25	53	16 25	6	5
25	15	17	20	22	20	18	15	16	18·8	11·1	14 42	45	9 45	5	6
17	17	16	17	15	24	20	13	6	16·0	9·8	12 54	34	11 40	3	7
26	26	22	30	31	29	32	31	21	20·7	14·8	18 18	49	3 33	5	8
12	12	12	12	12	12	11	12	12	13·8	8·1	3 4	29	15 14	4	9
12	12	11	10	10	10	12	12	11	12·0	6·8	6 58	25	11 49	4	10
2	7	7	10	10	6	1	10	4	8·0	5·5	7 53	34	13 49	0	11
14	15	13	16	16	12	11	12	13	12·7	7·0	10 36	41	0 51	0	12
16	15	14	13	14	12	12	13	14	14·6	8·1	12 20	40	8 31	5	13
11	12	13	12	10	9	9	10	11	12·1	6·7	2 18	24	14 20	3	14
11	10	7	11	5	6	6	10	17	10·8	8·8	16 5	29	22 37	2	15
2	1	1	1	1	5	7	7	7	7·0	5·6	0 15	31	3 3	0	16
12	12	11	13	14	14	13	15	16	11·0	7·3	22 30	31	7 23	3	17
16	18	18	11	11	17	15	18	16	15·5	10·2	11 45	35	11 28	5	18
16	16	18	17	16	16	16	16	16	16·0	8·7	1 7	29	9 45	5	19
13	16	14	14	13	17	18	18	18	15·7	8·7	12 56	33	11 54	4	20
16	14	15	15	15	15	15	13	13	15·6	10·3	9 29	32	4 59	6	21
16	15	15	13	14	14	15	14	14	15·2	11·0	12 5	30	12 33	4	22
15	14	13	13	14	13	9	12	15	13·6	8·4	22 41	34	17 52	3	23
18	18	15	16	16	16	16	17	17	16·4	10·7	22 30	44	8 27	5	24
17	17	15	15	18	16	16	20	19	16·4	10·6	19 12	37	11 50	3	25
18	19	18	18	18	18	17	17	16	17·3	10·0	12 15	34	11 20	6	26
18	16	16	17	16	16	16	18	16	16·4	9·3	4 18	40	12 34	4	27
15	13	14	15	14	13	16	15	12	15·5	8·7	3 20	35	11 52	4	28
12	14	16	7	7	8	11	10	12	10·7	6·1	3 3	28	9 20	0	29
13	13	13	12	13	12	12	14	15	11·9	6.5	11 24	32	13 25	3	30
14	15	16	16	13	13	13	14	12	13·8	6.7	10 31	30	11 40	3	31
14·5	14·8	14·5	14·5	14·1	14·2	13·8	14·6	14·2	14·4	9·1					Mean.

AUGUST.

14	11	13	12	13	14	12	14	15	15·0	8·6	13 28	39	12 37	3	1
12	12	14	14	13	13	13	14	14	14·7	10·0	2 23	40	9 58	4	2
14	16	16	16	16	14	14	14	13	15·6	11·2	4 32	30	21 36	6	3
15	14	13	12	11	8	8	10	11	15·0	10·8	9 47	31	21 4	4	4
14	16	16	16	16	16	15	14	15	13·1	8·9	12 46	27	5 35	2	5
14	15	12	13	13	13	12	12	16	15·6	9·7	14 6	38	13 39	4	6
9	15	15	16	18	18	15	12	10	14·1	9·5	16 14	40	11 2	2	7
10	8	6	12	8	10	16	27	25	11·6	6·5	22 29	42	17 50	1	8
35	23	17	24	24	22	21	20	22	21·3	13·3	20 46	44	21 29	7	9
18	18	17	16	17	18	23	18	19	19·3	10·8	1 53	42	17 7	6	10
17	18	17	16	15	15	15	15	15	17·0	9·5	9 32	40	13 20	6	11
16	14	13	14	13	12	12	12	14	13·8	7·3	6 55	33	12 10	4	12
15	15	15	15	14	12	15	15	15	14·7	7·9	14 20	35	12 55	5	13
16	16	16	15	16	17	16	15	16	15·6	8·8	22 30	43	9 7	5	14
24	22	24	22	19	22	24	21	22	20·6	11·5	3 17	44	0 12	5	15
16	17	17	16	16	16	17	17	17	17·6	10·4	11 17	40	15 30	6	16
15	15	14	14	12	13	12	14	15	15·4	9·0	0 7	30	19 53	5	17
11	14	13	13	11	10	12	12	10	12·5	6·7	2 8	25	7 40	2	18
14	14	14	14	13	12	11	10	12	12·5	7·2	14 22	23	22 39	3	19
14	12	12	11	11	12	12	12	10	13·5	7·5	9 40	28	23 40	3	20
12	12	12	12	12	12	13	12	12	12·8	6·7	9 45	25	0 48	3	21
15	15	14	13	14	14	14	15	13	14·3	7·4	22 26	36	23 21	4	22
15	11	13	15	13	14	14	13	12	13·5	7·5	3 16	33	18 7	3	23
10	12	12	13	12	12	12	12	13	12·8	6·3	21 10	29	11 5	2	24
14	14	15	15	14	13	10	11	11	10·2	6·3	17 49	25	10 53	0	25
14	15	14	16	9	12	4	9	12	11·5	6·6	18 46	29	11 43	0	26
16	17	16	18	14	12	16	11	11	13·3	8·1	21 15	30	9 56	3	27
13	13	19	14	13	13	9	12	4	12·5	7·6	17 29	35	11 24	3	28
17	21	16	15	14	10	14	12	15	12·3	8·0	15 54	34	12 26	2	29
17	19	18	17	11	16	16	17	15	15·3	9·4	17 45	31	9 32	4	30
20	20	20	20	18	19	21	21	20	19·5	11·4	1 29	39	4 35	5	31
15·0	15·3	14·9	15·1	14·0	14·0	14·1	14·3	14·3	14·6	8·7					Mean.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER. (IN MILES PER HOUR)

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	20	20	20	20	17	22	20	20	19	18	18	18	19	20	18
2	13	14	14	15	16	13	15	15	16	16	17	16	15	15	16
3	15	15	15	15	15	16	20	21	15	15	23	19	16	16	14
4	14	18	14	14	10	9	10	11	15	12	10	12	10	10	9
5	7	9	9	9	9	9	10	11	10	12	10	8	9	8	7
6	2	2	2	1	6	8	7	7	10	5	5	2	4	5	7
7	6	6	6	6	2	3	4	5	5	4	1	4	6	9	9
8	7	7	6	7	4	2	1	6	4	3	4	4	5	7	7
9	11	13	14	10	9	10	7	6	6	5	7	8	8	9	10
10	10	9	6	5	5	3	2	6	4	5	1	5	10	13	15
11	7	5	3	2	4	8	7	5	3	4	4	6	7	10	10
12	1	2	1	2	1	1	2	5	7	4	2	4	6	9	12
13	11	7	4	8	8	4	3	6	8	8	7	8	9	8	12
14	14	14	14	15	15	16	17	14	14	15	13	14	10	16	21
15	15	11	12	14	16	7	8	9	8	8	7	8	17	22	21
16	13	10	11	16	16	18	16	12	15	16	16	17	16	18	15
17	10	13	13	13	14	15	15	15	12	12	13	7	13	12	10
18	11	10	11	13	10	10	10	8	13	12	12	16	16	17	16
19	10	13	13	11	12	14	18	17	20	16	15	14	17	17	16
20	14	11	11	10	8	8	9	9	8	10	9	9	9	10	10
21	10	9	6	7	8	8	9	9	9	6	8	8	10	10	8
22	12	6	6	6	6	6	8	9	12	12	9	11	12	13	16
23	9	11	11	10	9	12	12	11	11	11	13	14	14	13	15
24	11	9	12	12	10	14	12	9	10	13	13	9	8	8	7
25	4	7	5	5	4	2	1	5	5	6	6	5	5	6	7
26	4	3	2	2	2	1	4	4	4	5	4	3	7	9	12
27	6	4	4	4	5	5	4	6	7	6	5	7	10	11	13
28	6	4	3	6	7	7	7	2	2	2	1	2	12	10	8
29	4	2	3	1	6	5	7	5	4	3	2	5	8	9	11
30	1	1	1	7	2	3	5	5	4	4	1	7	10	11	13
Mean . .	9·3	8·8	8·4	8·9	8·5	8·6	9·0	9·1	9·3	8·9	8·5	9·0	10·6	11·7	12·2

OCTOBER.

1	11	11	9	12	14	6	9	8	8	8	8	6	10	10	13
2	11	12	12	11	12	9	8	7	12	12	15	15	14	16	17
3	12	11	10	8	8	10	8	8	11	10	11	14	14	15	15
4	8	9	8	8	8	8	7	6	7	9	9	12	13	13	14
5	11	9	10	9	6	5	8	13	10	11	10	8	7	8	5
6	2	7	9	7	7	5	7	4	2	4	4	4	5	6	7
7	4	3	3	2	6	4	4	1	1	1	5	6	8	9	11
8	4	4	3	2	2	2	2	2	4	8	7	9	12	13	15
9	6	6	7	8	8	8	4	2	3	1	7	8	10	12	13
10	2	3	4	3	3	3	2	1	4	4	1	5	9	12	11
11	7	5	2	3	4	6	5	4	5	3	3	5	8	11	12
12	8	12	11	10	11	8	5	4	3	4	7	8	8	12	13
13	2	2	5	6	8	9	11	10	9	7	3	3	5	7	7
14	3	4	4	5	6	6	6	5	7	8	10	14	17	16	16
15	5	4	6	4	5	6	4	3	4	5	2	3	6	7	7
16	0	0	1	1	0	0	3	4	8	5	7	7	6	7	6
17	4	4	4	5	5	6	6	4	3	3	3	4	8	10	10
18	4	1	3	5	6	7	5	3	4	5	1	2	7	10	13
19	7	6	5	5	6	5	4	3	1	5	7	9	10	12	11
20	4	4	4	4	3	4	4	3	4	2	6	8	11	10	10
21	3	3	3	3	4	4	1	0	2	5	7	7	11	13	14
22	4	5	5	5	4	4	4	7	9	11	11	11	12	14	15
23	2	4	8	9	10	10	7	3	6	7	5	8	10	11	11
24	2	1	3	7	5	6	6	5	4	5	7	9	11	11	11
25	1	2	4	4	4	5	3	3	1	2	4	4	7	8	10
26	4	1	1	5	3	4	4	4	4	3	1	6	8	13	13
27	0	3	3	8	8	8	6	4	4	7	8	9	11	13	15
28	11	12	10	7	4	4	5	6	3	1	1	4	8	9	11
29	0	3	5	6	7	7	8	8	11	10	5	4	3	3	8
30	5	4	4	4	5	4	3	2	4	4	4	3	6	9	11
31	4	6	5	7	7	7	5	5	6	4	0	3	5	11	12
Mean . .	4·9	5·2	5·5	5·9	6·1	5·8	5·3	4·6	5·3	5·6	5·8	7·0	9·0	10·7	11·5

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER. (IN MILES PER HOUR.)

Hours. 15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.	Mean by R. Beckley's anemograph.	Maximum. Time.	Maximum. Mag.	Minimum. Time.	Minimum. Mag.	Date.
											H. M.		H. M.		
22	21	20	17	18	17	17	14	15	18·7	11·5	4 59	35	14 12	6	1
14	15	14	15	15	15	14	15	15	14·9	8·0	11 20	34	1 20	5	2
13	13	11	12	13	12	11	10	12	14·9	8·7	6 50	34	15 14	4	3
9	8	7	7	7	7	6	6	7	10·1	6·0	1 24	32	13 52	2	4
7	9	8	5	5	6	4	3	2	7·7	5·6	11 10	17	11 26	2	5
8	10	8	6	5	6	6	8	6	5·7	4·3	16 23	14	12 23	0	6
9	11	12	9	9	9	8	7	7	6·5	4·7	17 11	16	4 45	0	7
7	8	7	6	8	8	9	7	9	6·0	3·4	18 20	21	6 35	0	8
10	12	13	11	10	10	9	9	10	9·5	6·3	0 40	20	9 8	1	9
14	14	14	15	18	15	10	8	5	8·8	6·0	19 5	23	7 55	0	10
13	15	16	16	12	10	8	5	2	7·6	5·3	16 25	23	10 17	0	11
13	15	12	12	12	10	11	10	11	6·9	4·8	16 30	21	11 4	0	12
12	12	12	10	10	10	10	12	13	8·8	6·4	15 10	18	2 41	0	13
22	22	21	21	17	16	13	18	19	16·3	12·3	15 37	33	12 5	4	14
18	18	18	17	15	13	12	12	11	13·2	9·0	13 48	36	10 33	3	15
19	16	15	16	14	17	12	11	11	14·8	8·7	3 19	33	14 20	3	16
15	14	10	14	14	14	12	10	13	12·6	7·0	19 55	31	11 53	1	17
14	17	18	16	13	13	13	11	10	12·9	7·5	17 20	33	9 43	3	18
15	13	13	10	14	12	12	11	13	14·0	8·9	23 55	33	17 1	3	19
9	9	12	12	11	12	10	10	11	10·0	4·9	0 2	28	10 30	1	20
9	8	8	20	6	8	9	8	12	8·9	4·1	18 33	34	10 31	2	21
13	12	8	9	8	11	9	7	7	9·5	5·1	13 15	30	1 57	2	22
15	16	16	16	15	18	9	14	10	12·7	7·8	20 43	36	1 59	3	23
7	6	7	8	9	12	10	8	7	9·6	5·6	6 55	24	14 55	2	24
7	8	8	8	8	7	6	5	5	5·6	3·9	2 17	17	5 43	0	25
12	13	13	11	10	10	9	7	7	6·6	4·7	16 17	20	11 20	0	26
13	13	14	14	12	12	12	10	9	8·6	6·2	17 38	21	10 33	1	27
7	8	5	1	0	3	1	7	5	4·8	3·6	12 27	21	18 55	0	28
12	12	9	8	7	3	2	2	1	5·5	4·4	15 40	16	3 20	1	29
13	14	12	8	7	7	10	10	10	6·9	5·2	16 43	21	10 30	0	30
12·4	12·7	12·0	11·7	10·7	10·8	9·5	9·2	9·2	9·9	6·3					Mean.

OCTOBER.

17	17	16	15	13	14	13	12	12	11·3	8·0	16 45	25	2 6	0	1
18	16	16	13	12	11	10	10	10	12·5	8·8	15 10	26	7 37	3	2
18	15	10	12	9	7	8	10	11	11·0	8·1	15 46	24	6 17	4	3
14	14	12	10	11	10	9	10	10	10·0	7·4	15 2	20	0 17	4	4
5	6	6	4	2	1	0	0	4	6·6	4·9	7 22	18	4 32	0	5
7	9	9	10	8	5	7	5	3	6·0	4·7	18 35	13	10 45	0	6
11	11	12	11	10	8	10	8	6	6·5	4·3	16 45	17	7 5	0	7
16	16	14	14	13	12	9	8	7	8·3	5·9	16 22	24	8 10	1	8
14	13	12	11	10	10	8	6	4	8·0	5·9	15 31	20	9 35	0	9
10	11	11	9	9	6	7	7	5	5·9	4·1	13 17	18	10 40	0	10
13	12	14	15	15	12	12	7	8	8·0	5·7	19 52	21	11 8	0	11
13	14	11	10	8	6	5	3	3	8·2	6·0	14 30	20	9 25	1	12
8	9	8	8	8	8	8	5	6	6·8	5·2	6 24	13	11 27	0	13
16	15	14	13	13	12	11	10	6	9·9	7·2	13 8	25	7 25	2	14
7	7	5	4	5	3	1	0	0	4·3	3·5	13 48	10	10 20	0	15
11	6	12	11	8	6	6	7	4	5·3	4·4	15 17	17	6 8	0	16
13	13	12	12	12	11	9	5	4	7·1	5·4	15 40	18	2 8	0	17
14	14	13	11	10	11	9	9	10	7·4	5·7	16 20	20	11 25	0	18
10	11	12	10	9	10	10	10	7	7.7	5·7	14 11	18	7 40	0	19
9	9	8	7	6	6	5	3	5	5·8	4·5	12 50	16	9 43	0	20
13	14	11	9	6	6	7	4	3	6·4	4·7	14 42	21	7 55	0	21
15	15	14	12	11	7	7	7	5	8·9	6·8	14 37	22	23 57	1	22
12	14	11	10	8	6	7	6	4	7·9	6·0	16 25	20	10 23	0	23
10	10	7	5	4	3	3	2	1	5·7	4·4	16 15	16	9 27	0	24
10	9	7	6	4	2	2	0	0	4·3	3·3	15 23	14	10 52	0	25
13	12	8	5	2	3	1	0	0	4·9	4·1	13 55	18	2 7	0	26
15	13	12	10	10	8	3	7	10	8.1	6·0	14 20	21	0 0	0	27
10	12	10	9	10	5	4	1	1	6·6	4·9	0 48	17	9 25	0	28
9	10	10	10	10	9	6	6	6	6·8	5·5	17 45	14	0 25	0	29
10	13	12	12	13	9	8	5	4	6·6	5·0	14 27	28	12 15	0	30
14	14	12	13	12	8	7	5	8	7·5	6·0	15 8	20	10 40	0	31
12·1	12·1	11·0	10·0	9·1	7·6	6·8	5·8	5·4	7·4	5·5					Mean.

WIND VELOCITY, 1926.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

(IN MILES PER HOUR.)

NOVEMBER.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	6	5	5	4	5	5	7	5	4	2	1	1	6	8	9
2	4	3	3	4	4	7	8	6	4	4	1	1	3	5	8
3	6	5	8	7	9	8	5	6	6	5	10	9	4	5	6
4	4	4	5	6	8	11	10	10	8	7	5	5	6	6	12
5	1	4	7	10	14	16	15	13	15	13	11	10	8	6	6
6	3	5	7	13	15	11	12	12	10	7	4	1	7	10	10
7	7	10	7	8	10	12	13	13	12	14	16	14	10	7	7
8	7	11	12	8	10	3	4	1	2	1	1	3	6	13	14
9	7	4	3	6	6	7	6	6	7	5	2	4	4	4	4
10	5	5	7	7	6	8	6	5	4	3	1	1	3	6	9
11	4	4	2	2	4	4	4	6	4	3	1	2	8	9	11
12	3	2	1	2	4	4	4	2	4	5	3	10	13	11	13
13	5	4	6	5	5	6	6	4	4	5	1	4	11	13	14
14	6	7	7	6	6	6	6	6	7	8	−13	15	16	16	15
15	4	4	4	3	4	3	1	1	4	4	3	6	9	10	11
16	4	2	2	4	6	6	5	6	2	1	5	7	7	8	9
17	3	2	5	7	8	10	8	8	10	7	5	4	7	10	13
18	5	3	4	4	7	6	5	6	8	9	5	5	8	10	12
19	4	4	5	9	12	11	13	13	14	11	11	8	7	7	7
20	7	9	10	9	7	5	6	4	4	3	3	4	7	10	10
21	2	3	6	8	9	9	9	11	8	8	5	3	3	5	9
22	1	3	6	9	9	9	8	5	4	6	5	4	3	3	5
23	7	6	6	3	3	4	6	7	6	5	4	3	6	9	11
24	1	1	2	4	5	6	6	8	6	6	5	6	9	11	13
25	5	5	5	5	5	6	6	7	7	6	4	3	9	12	12
26	2	3	3	5	7	8	7	7	7	7	4	5	9	11	11
27	5	5	5	5	6	6	6	7	7	7	6	6	9	10	11
28	7	7	7	7	7	7	7	5	6	5	4	5	8	11	13
29	2	2	2	2	4	6	5	6	6	3	0	4	8	9	9
30	4	5	5	7	8	8	10	8	5	3	1	1	5	7	9
Mean . .	4·4	4·6	5·3	6·0	7·1	7·3	7·1	6·8	6·5	5·8	4·7	5·1	7·3	8·7	10·1

DECEMBER.

1	4	3	4	3	1	1	1	2	4	4	4	3	3	7	9
2	2	2	3	4	4	7	6	6	6	4	2	3	3	8	11
3	2	3	6	7	7	9	10	11	11	9	2	1	2	4	8
4	4	3	4	5	6	8	8	9	5	3	1	1	1	4	6
5	5	5	6	4	6	7	7	7	6	3	1	1	4	7	6
6	2	1	4	4	3	3	4	6	5	4	1	1	1	5	5
7	5	4	5	2	2	4	5	4	5	5	2	8	8	9	10
8	4	6	5	5	3	5	5	6	5	4	3	3	5	9	9
9	2	2	1	2	3	3	3	4	2	3	2	6	7	9	7
10	4	3	2	2	2	2	2	2	3	1	5	7	6	7	7
11	3	2	2	2	2	4	3	1	2	2	1	2	5	7	7
12	3	2	2	2	6	10	7	4	1	1	3	7	10	15	14
13	4	8	9	4	5	4	3	3	2	1	4	5	8	11	12
14	6	5	3	1	3	3	3	1	4	4	2	1	7	11	16
15	4	2	2	4	2	3	4	3	2	1	4	6	11	13	13
16	5	3	1	4	5	3	3	1	3	2	8	10	11	11	11
17	6	4	3	2	3	3	6	4	3	4	2	4	6	9	10
18	8	6	4	3	4	4	8	7	8	6	5	6	4	10	11
19	3	3	4	6	6	11	11	11	11	9	6	3	5	10	12
20	4	4	3	4	3	6	4	2	1	2	3	4	7	9	11
21	5	4	4	4	5	2	2	1	1	2	1	4	7	8	8
22	5	4	3	2	4	4	4	3	5	5	2	1	1	7	7
23	3	2	2	3	5	3	3	3	7	6	5	4	3	10	12
24	2	0	0	2	4	3	1	2	3	5	3	1	1	6	9
25	3	4	3	4	4	6	7	6	6	7	4	4	5	5	9
26	4	4	4	8	9	9	11	13	12	11	13	12	9	3	11
27	5	5	3	4	7	7	9	9	5	5	5	5	3	3	7
28	6	8	7	4	7	6	7	7	7	5	5	3	2	3	5
29	6	7	7	9	9	10	12	13	13	11	11	8	6	5	10
30	5	3	4	7	8	8	10	12	11	11	9	8	7	7	10
31	6	6	7	5	5	5	4	2	5	6	3	5	9	11	11
Mean . .	4·2	3·8	3·8	3·9	4·6	5·3	5·6	5·3	5·3	4·7	3·9	4·4	5·4	7·8	9·5

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

NOVEMBER. (IN MILES PER HOUR.)

Hours. 15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.	Mean by R. Beckley's anemograph.	Maximum. Time. H. M.	Maximum. Mag.	Minimum. Time. H. M.	Minimum. Mag.	Date.
11	10	11	11	10	9	7	8	6	6·5	5·2	17 45	16	11 5	0	1
8	9	10	10	10	9	6	4	5	5·7	4·5	16 35	14	10 48	0	2
8	10	9	10	11	7	5	6	4	7·0	5·3	19 12	16	12 19	1	3
15	16	15	14	11	13	4	6	2	8·6	6·8	16 11	24	23 55	0	4
11	11	10	12	12	11	10	7	4	9·9	7·5	16 55	19	0 0	0	5
11	13	14	14	12	9	5	4	3	8·8	7·4	18 14	22	11 2	0	6
12	15	14	13	11	10	6	3	4	**10·3**	**8·2**	16 25	22	23 35	1	7
16	16	13	14	14	13	12	9	6	8·7	6·7	15 37	24	7 15	0	8
9	11	8	8	5	2	5	4	3	5·4	4·3	16 20	14	10 35	0	9
10	9	7	5	5	3	4	3	4	5·3	4·6	15 20	13	11 0	1	10
12	10	10	11	10	5	3	5	5	5·8	4·9	15 40	16	14 42	1	11
14	12	12	11	11	10	8	5	5	7·0	5·5	15 46	20	10 24	0	12
14	13	13	13	15	12	10	8	7	8·3	6·3	14 59	23	16 25	0	13
13	14	14	13	11	11	9	9	5	10·0	7·1	11 35	22	9 47	3	14
12	13	12	10	8	7	6	6	3	6·2	4·9	16 8	19	6 54	0	15
10	9	5	4	3	2	3	4	4	**4·9**	**4·0**	15 35	14	10 33	0	16
15	15	15	13	13	12	9	7	6	8·9	6·8	15 22	21	0 55	0	17
15	15	15	15	13	12	10	6	4	8·4	6·3	17 48	21	2 0	1	18
13	14	15	16	14	11	6	3	2	9·6	7·0	18 37	22	23 50	1	19
11	15	15	16	17	15	7	5	2	8·4	6·4	20 12	26	10 35	0	20
13	15	15	15	15	12	8	5	2	8·3	6·7	18 12	23	13 2	0	21
9	11	10	10	10	9	8	8	9	6·8	5·3	16 7	15	0 12	1	22
12	14	12	13	12	8	6	6	4	7·2	5·8	16 16	19	11 37	1	23
15	15	13	12	11	12	10	5	5	7·8	5·9	15 20	21	11 13	0	24
11	10	9	7	9	7	7	4	4	6·9	5·2	13 45	20	11 45	0	25
10	9	8	9	8	6	4	3	3	6·5	5·2	13 56	16	0 8	0	26
11	11	11	9	7	7	7	8	8	7·5	5·1	14 50	18	6 55	1	27
14	13	12	10	9	8	7	5	5	7·9	5·3	15 15	20	10 25	0	28
10	10	9	9	9	5	3	3	2	5·5	4·1	15 55	16	9 47	0	29
11	11	10	12	10	7	4	4	4	6·6	5·2	15 40	15	10 18	0	30
11·9	**12·3**	11·5	11·3	10·6	8·8	6·6	5·4	**4·3**	7·5	5·8					Mean.

DECEMBER.

9	9	9	10	9	8	6	6	3	5·1	**3·6**	18 40	16	4 8	1	1
13	14	12	11	12	7	5	4	4	6·4	4·8	16 8	20	8 50	0	2
9	9	8	9	9	7	5	5	5	6·6	5·7	15 54	14	10 55	0	3
9	9	8	8	5	4	2	4	5	5·1	5·0	5 8	11	9 55	0	4
7	4	8	6	5	4	3	1	3	4·7	4·9	13 5	13	10 27	0	5
5	6	4	3	2	2	2	5	5	**3·5**	4·1	13 59	9	9 43	0	6
11	10	9	10	11	11	8	7	4	**6·6**	6·0	20 43	16	10 0	1	7
9	10	11	12	10	7	5	3	2	6·1	5·3	18 35	18	9 3	1	8
8	9	11	10	7	4	10	7	6	5·3	5·2	21 30	18	9 35	0	9
8	10	8	6	5	3	1	3	4	4·3	4·5	16 52	16	7 45	0	10
7	9	8	7	8	7	6	5	4	4·4	4·5	19 40	13	7 8	0	11
13	12	11	11	13	11	8	7	5	7·4	7·1	13 17	22	7 38	0	12
14	14	13	12	11	10	7	6	5	7·3	6·9	15 54	22	7 55	0	13
16	15	13	13	15	13	8	9	6	7·4	6·3	15 53	24	7 18	0	14
13	11	10	11	11	10	8	8	6	6·7	5·7	13 46	20	7 50	0	15
13	11	10	10	11	12	11	11	7	7·4	6·5	14 44	21	9 22	0	16
11	12	12	15	11	8	6	5	6	6·5	5·7	18 3	21	10 55	0	17
14	14	14	12	16	12	7	6	3	8·0	6·4	19 22	25	10 35	0	18
13	12	12	12	13	12	8	5	4	8·4	6·7	20 23	19	12 12	1	19
12	11	10	11	9	9	7	3	4	6·0	4·5	15 45	17	10 20	0	20
8	7	8	9	8	6	4	2	5	4·8	3·9	15 43	14	7 46	0	21
6	7	9	12	12	11	5	3	1	5·1	4·3	17 53	17	10 48	0	22
12	12	14	14	14	14	10	5	3	7·1	6·0	17 40	22	12 50	0	23
10	11	12	12	13	12	13	14	7	6·1	5·8	21 50	20	1 5	0	24
12	10	11	14	13	14	10	5	5	7·1	6·4	20 42	20	7 35	0	25
13	10	10	12	14	13	11	6	6	**9·4**	**8·6**	19 28	20	14 17	1	26
8	9	9	11	11	11	7	5	5	6·6	6·1	18 10	17	9 5	0	27
8	7	7	9	9	11	10	5	5	6·4	5·5	20 39	16	12 55	0	28
10	12	10	13	13	10	6	6	7	9·3	7·3	18 27	18	13 40	1	29
12	12	14	14	16	12	7	5	5	9·0	7·0	19 38	22	12 30	2	30
11	11	11	11	9	9	6	3	3	6·8	5·1	15 6	17	10 35	0	31
10·5	10·3	10·1	**10·6**	10·5	9·2	6·8	5·5	4·6	6·5	5·7					Mean.

DIRECTION OF WIND, 1926.

JANUARY. (Averages for periods of sixty minutes from full hour to full hour of local mean time.)

Date.	Hours.											
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12
1	N	NNW	N	NNE	NNE	NNE	NE	ENE	ENE	ENE	ENE	ENE
2	ENE	NE	NE	ENE	ENE	ENE	ENE	E	E	ENE	NE	ESE
3	SE	ESE	E	NE	ENE	ESE	ESE	ESE	ESE	ESE	S	SSE
4	N	NE	NE	E	E	ESE	ESE	ESE	ESE	ESE	ESE	ESE
5	ESE	ESE	NE	ENE	ENE	ENE	E	E	ENE	ENE	ENE	ENE
6	NE	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE	NE	NE	NW
7	N	NNE	NE	NNE	NNE	N	NNE	NNE	NNE	NNE	NE	WNW
8	N	N	NNE	N	NNE	NNE	N	NNE	NNE	NE	NNW	NNW
9	NNE	NNE	NNE	NNE	NE	NNE	NNE	NNE	NE	ENE	NE	NNW
10	N	N	NNE	ENE	ENE	ENE	ENE	ENE	NE	ENE	ENE	ENE
11	ESE	ESE	ESE	ENE	NE	NE	NE	NE	NE	NE	NE	NE
12	N	N	NE	E	E	E	E	E	N	NE	NW	WNW
13	N	N	N	N	N	N	N	NNE	NE	NE	ENE	ENE
14	N	NE	NE	NE	NNE	NNE	NE	NE	ENE	ENE	NE	NE
15	ESE	ESE	SE	SE	ESE	ESE	ESE	E	E	NE	E	WSW
16	NE	N	NNE	NNE	NNE	N	NE	NE	N	NNW	WNW	WNW
17	N	NW	NNW	NNW	N	N	N	N	N	N	NNW	NW
18	N	N	N	N	N	N	N	N	N	NNW	NNW	NW
19	N	NNE	N	N	N	NNE	NNE	NNE	NNE	NNW	NNW	NW
20	N	N	NNE	N	NNE	NNE	NE	ENE	NNW	ENE	ENE	NW
21	N	NE	N	N	N	NNE	NNE	NNE	ENE	NE	ENE	NW
22	N	NNE	N	NNE	NE	NE	NE	ENE	ENE	NE	NE	ENE
23	NE	E	E	E	NNE	NE	NE	NE	ENE	NE	NE	WNW
24	N	N	N	N	N	NNE	NNE	NE	NE	NE	NE	NE
25	N	ESE	NNE	NNE	NNE	N	NE	ESE	E	ENE	ENE	ENE
26	NE	NNE	E	NE	ENE	NE	NNE	E	ENE	ENE	NE	NE
27	ESE	E	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ENE	E
28	NE	ENE	NE	ENE	ENE	ENE	ENE	ENE	NE	NE	NE	ENE
29	N	ENE	ENW	NNW	NNE	NW	N	N	N	N	NE	NE
30	NNE	NE	ENE	ENE	ENE	ENE	ENE	ENE	NE	ENE	ENE	WNW
31	NNE	N	N	N	N	NNE	NE	NE	E	ENE	ENE	E
Mean direction.	NNE	NNE	NNE	NE	NE	NE	NE	ENE	ENE	NE	NE	N

FEBRUARY.

1	N	NNE	NNE	NNE	NE	NE	ENE	NE	NE	NE	NE	NE
2	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE	NNW	NNW
3	N	N	N	N	N	N	NNE	NNE	NE	NNE	NNW	NW
4	NNE	NNE	NNE	NNE	NNE	N	NNE	NNE	NNE	NE	NE	NW
5	NE	NNE	NNW	NNW	NNW	NNW	N	NNE	NNE	NNW	NNW	NW
6	ESE	ESE	ESE	NNW	N	N	N	N	N	E	ENE	WNW
7	NNE	N	NNE	NNE	N	N	NNE	NNE	NE	NE	NE	NNE
8	NNE	NNE	NNE	NNE	NNW	N	N	ENE	NE	ENE	ENE	WNW
9	N	NNW	N	N	N	N	N	NNE	NE	ENE	ENE	WNW
10	NE	N	N	N	N	N	NNE	N	N	NNW	NNW	NW
11	NNW	NNW	NNW	N	N	N	N	NNE	ENE	NE	NE	WNW
12	ENE	E	ENE	NE	NNW	NNE	E	SE	ESE	ESE	ESE	SSW
13	ESE	ESE	NE	N	ENE	E	SE	SE	ESE	ESE	SE	W
14	NNW	NNW	N	N	N	NNE	NNE	NE	NE	NE	NE	NW
15	N	N	N	NNE	NE	ENE	ENE	E	ENE	E	ENE	E
16	ESE	ESE	NW	N	N	W	W	NNE	NNE	ENE	ENE	NW
17	N	N	N	N	N	N	N	N	N	ENE	ESE	WNW
18	N	N	N	N	NNE	NNE	NNE	NE	NNE	NNW	NW	WNW
19	NNW	NNW	NNW	NE	NNE	NNE	NNE	NE	NE	NNW	NNW	NW
20	NNE	N	N	NNE	NNE	NNE	NE	NE	NE	NNW	WNW	WNW
21	WNW	NNW	N	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE	WNW
22	N	NNE	E	E	NNE	ENE	ENE	ENE	NE	NE	NW	NW
23	NNW	NNW	NNW	NNW	N	N	NE	ENE	NE	NW	NNW	NW
24	NNW	NNW	N	N	N	NNE	NE	N	N	ENE	NW	NW
25	SSE	S	S	S	SE	ESE	ESE	ESE	ESE	NE	NE	W
26	SSW	SSW	SSW	SW	SW	SW	ESE	ESE	ESE	ESE	ESE	SE
27	NE	NE	NNE	NNE	NE	NNE	NNE	NE	ENE	ESE	WNW	WNW
28	NNW	NNW	NNW	N	NE	ENE	E	E	ENE	ENE	E	WNW
Mean direction.	N	N	N	N	NNE	NNE	NE	NE	NE	NE	NNE	NW

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JANUARY.

Hours.												Mean direction.	Date.
12—13	13—14	14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		
W	WNW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NE	NE	NNW	1
NNW	NW	NNW	WNW	WNW	NW	N	NNE	NNW	NE	ESE	ESE	NNE	2
SSE	SSE	SSW	NNW	NW	NNW	NNW	NNW	N	N	N	NNW	ESE	3
SE	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NE	4
NW	NW	NW	WNW	WNW	NW	NNW	NNW	NNW	N	NNE	NNE	NNE	5
NW	NW	NW	NW	NW	NW	NNW	NNW	N	N	N	N	N	6
WNW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	NNE	NE	N	7
NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	N	NNE	NNE	NNW	8
NNW	NNW	NNW	NW	NW	NNW	NNW	NNW	N	N	N	N	N	9
WNW	WNW	NW	NW	NNW	NNW	NNW	N	N	N	N	N	N	10
ENE	WNW	WNW	WNW	WNW	NNW	NNW	NNW	N	N	N	N	N	11
WNW	WNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	12
WNW	WNW	NW	NW	NNW	NNW	NNW	NNW	N	N	N	N	NNW	13
WNW	WNW	WNW	NW	NW	NNW	NNW	N	NE	NE	SE	ESE	N	14
WSW	WSW	W	W	W	WNW	NW	NNW	N	NNE	NNE	NNE	NNW	15
WNW	NW	NW	NW	NNW	NNW	NNW	NNW	N	NNE	NE	ENE	NNW	16
NW	NW	NW	NW	NNW	NNW	NNW	NNW	N	N	N	ENE	NNW	17
NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	18
NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	N	N	N	NNW	19
NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNW	20
NW	NW	NW	NW	NW	NNW	NNW	N	N	N	N	N	NNW	21
ENE	WNW	WNW	WNW	NW	NW	NNW	NNW	NNW	N	N	N	N	22
NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNE	N	N	23
WNW	WNW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	NE	N	24
WNW	WNW	WNW	WNW	WNW	NW	NNW	NNW	NNE	NNE	NE	NE	N	25
WNW	WNW	NW	NW	WNW	NW	NNW	NNW	NNW	N	NE	NE	NNE	26
ENE	WNW	WNW	WNW	NW	NNW	NNW	N	N	S	S	S	E	27
ENE	W	WNW	WNW	NW	NNW	NNW	NNW	N	N	N	N	NNE	28
NE	NE	N	NNE	NE	NNE	N	NE	ENE	ENE	ENE	NE	NNE	29
WNW	WNW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	N	30
WNW	WNW	WNW	WNW	W	W	SW	SW	WSW	WNW	NW	N	NNW	31
NW	NW	NW	NW	NW	NNW	NNW	NNW	N	N	N	NNE	N	Mean direction

FEBRUARY.

NE	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	1
NNW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	N	NNE	N	2
NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNE	NNE	NNW	3
NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	N	N	ENE	NNW	4
WNW	WNW	WNW	NW	NW	NNW	NNW	NNW	N	N	ENE	ESE	NNW	5
NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	NNE	N	N	NNW	6
NNW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	NNE	N	7
WNW	NW	NW	NW	NW	NW	NNW	NNW	NNW	N	N	N	NNW	8
WNW	WNW	WNW	WNW	WNW	NW	NW	NNW	NNW	N	NNE	NNE	NW	9
NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	N	NNW	10
NW	NW	NW	NW	NNW	NNW	NNW	NNW	N	NE	E	E	NNW	11
WSW	WSW	WSW	WSW	W	NW	NW	NW	NW	E	E	ESE	E	12
WNW	WNW	NW	NW	NW	NNW	NNW	NNW	N	NE	NE	NNW	NNW	13
NW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	NNE	NNE	NNW	14
W	W	W	W	WNW	NW	NNW	NNW	NNW	N	ESE	ESE	N	15
NW	NW	NW	NNW	NW	NW	NNW	NNW	NNW	N	NNE	NNE	NNW	16
WNW	WNW	WNW	NW	NW	NW	NNW	NNW	N	N	N	N	NNW	17
WNW	WNW	WNW	WNW	NW	NW	NW	NNW	NNW	NNW	NW	NW	NNW	18
NW	WNW	WNW	WNW	WNW	WNW	NNW	NNW	NNW	N	N	N	NNW	19
WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	WNW	WNW	NW	20
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	WNW	WNW	WNW	NW	21
WNW	WNW	WNW	WNW	WNW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	22
NW	NW	NW	NW	NW	NW	NNW	NNW	N	N	NNE	NNW	NNW	23
NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNE	N	N	NNW	24
WNW	WNW	WNW	NW	NNW	NNW	NW	NW	S	S	S	S	SSW	25
W	WNW	WNW	NW	NW	NW	NW	NW	NW	NNW	N	N	W	26
WNW	WNW	NW	NW	NW	NNW	NNW	NNW	NNW	N	N	N	NNW	27
NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	ESE	ESE	NNW	NNW	28
NW	WNW	NW	NW	NW	NNW	NNW	NNW	NNW	N	NNE	NNE	NNW	Mean direction

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MARCH.

Date.	Hours.											
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12
1	NNW	NNW	N	N	N	ESE	ESE	ESE	ESE	ESE	SE	W
2	NNE	N	NNE	NNE	NNE	NNE	NNE	N	N	ESE	NW	WNW
3	NNW	NE	NNE	NE	ESE	ESE	ESE	NE	ENE	NW	NW	WNW
4	NNW	NNW	NNE	NNE	NNE	NNE	NNE	ENE	NE	NE	WNW	WNW
5	NNW	NNW	NNW	N	NNE	NNE	NNE	NNE	NE	NE	NNW	NW
6	NNW	NNW	NNW	N	ENE	NE	N	N	NNW	NW	NW	NW
7	WNW	WNW	NW	NW	NNW	NNW	NNW	NNW	NNW	NW	NW	NW
8	WNW	NW	NNW	NNW	NNW	NNE	NNE	NNE	NE	NE	NE	WNW
9	NNE	NNE	NNE	NNE	NNE	NE	NNE	NNE	NE	ENE	ENE	WNW
10	N	N	N	NNE	N	NNE	NNE	NNE	NE	NE	NNW	NW
11	N	N	NNE	NNE	N	N	NNE	NNE	NE	NNE	NW	NW
12	NNW	NNW	N	N	N	N	NNE	NNE	E	NW	WNW	WNW
13	NNW	NNW	N	N	NNE	NNE	N	NNE	NW	ESE	W	W
14	NW	NW	NW	NW	NNW	NNE	NNE	ENE	ENE	ENE	WNW	WNW
15	NW	WNW	NW	NW	NNW	NNW	NNE	NNE	NNW	NW	NW	NW
16	NNE	NNE	NNE	NE	NNE	NNE	NE	E	ENE	E	E	WNW
17	NW	NW	NNW	NNW	NNW	NNE	NNE	NE	ENE	ENE	WNW	WNW
18	NW	NW	NW	SE	SE	SE	SE	E	ENE	E	E	WNW
19	NW	NW	NW	WNW	WNW	WNW	NW	NW	NNW	NW	NW	NW
20	WNW	NW	NW	NW	NNW	NNW	NNE	NE	NE	NNW	NW	NW
21	NNW	N	N	N	NNE	NNE	NNE	NE	NE	NNW	NW	NW
22	N	NNW	NNW	N	N	NNE	NE	NE	NNE	NW	NW	NW
23	NNW	NNW	N	N	N	N	N	N	N	N	NNW	WNW
24	NNW	N	NNE	NNE	NNE	NNE	N	N	N	NNW	NNW	NNW
25	N	N	N	N	NNE	NNE	NE	NE	NE	ENE	WNW	WNW
26	NNW	N	N	NNE	NNE	NE	NNE	N	NE	NE	WNW	WNW
27	ENE	N	N	NNE	NE	NNE	NNW	NNW	ESE	SE	SSW	WSW
28	NW	NNW	NNW	NNE	NE	NE	NE	ENE	ENE	ENE	WNW	WNW
29	NW	NNW	NNW	NNE	NNE	NNE	NE	ENE	ENE	ENE	ENE	WNW
30	N	N	NNW	NNW	NNW	NNE	N	N	N	E	WNW	WNW
31	WNW	WNW	WNW	WNW	N	NNE	NNE	NNE	NW	NW	WNW	WNW
Mean direction.	NNW	NNW	NNW	N	N	NNE	NNE	NNE	NE	NNE	NW	WNW

APRIL.

1	NNW	NNW	NNW	NNW	NNE	NNE	NNE	N	SE	SE	W	W
2	WNW	W	WNW	NW	NW	NNW	NNW	NNW	NW	NW	WNW	WNW
3	NNW	NNW	NNW	N	NE	NNW	NNW	N	N	NNW	NNW	NNW
4	NW	NNW	NW	NNW	NNW	NE	NE	NE	ENE	ENE	WNW	WNW
5	NNW	NNW	NNE	NNE	NNE	NNE	NNE	NNE	N	NW	NW	NW
6	NE	NNW	NNW	NNW	N	NNE	NNE	ENE	ENE	ENE	WNW	W
7	WNW	WNW	Calm	WNW	NW	NW	ESE	ESE	ESE	SE	W	W
8	N	NNW	NW	NW	NNE	NE	NE	ENE	ENE	NW	WNW	WNW
9	NW	WNW	WNW	WNW	WNW	WNW	Variable	ESE	SE	WNW	WSW	SW
10	WSW	W	W	WSW	WSW	WNW	W	SE	S	SW	SW	SW
11	WNW	W	W	WSW	WSW	SW	SW	SW	SW	SW	SW	SW
12	WSW	WSW	WSW	W	W	W	WSW	W	WSW	WSW	SW	SW
13	WSW	SSW	SW	WSW	SW	SW	SSW	SSW	SSW	SSW	SW	SW
14	WSW	WSW	WSW	WSW	SW	WSW	WSW	WSW	WSW	W	WSW	W
15	WSW	WNW	WNW	NNW	NNE	NE	ENE	E	E	ESE	WNW	WNW
16	NNE	NNE	N	N	N	N	N	N	NNW	NW	NW	NW
17	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NW	W	W
18	NW	NW	NW	NW	NW	WNW	WNW	W	W	WNW	WNW	W
19	WSW	WNW	WSW	WNW	WNW	WNW	WSW	W	W	W	SW	SW
20	WSW	WSW	W	WSW	WNW	WNW	Variable	SW	WSW	NW	WNW	WNW
21	W	WNW	W	NW	NNW	NNW	NNW	NW	NNW	NNW	NW	NW
22	NW	NW	NW	NNW	N	SE	SE	SE	SE	ESE	SE	NW
23	NNW	NNW	NNW	NNE	NE	NE	NE	ENE	ENE	Variable	NW	NW
24	NNW	NNW	NNW	N	NE	ESE	ESE	ESE	ESE	ENE	NW	NW
25	N	N	NNW	N	N	NNE	NE	ENE	NE	NNW	NW	WNW
26	NNW	NNW	NNW	NNW	N	NE	ENE	NE	N	N	NW	NW
27	NNW	NNW	N	NNE	NNE	NNE	ENE	ENE	NNW	NW	WNW	NW
28	N	SE	SE	SSE	SSW	SSW	SSW	SSW	SW	SW	SW	SW
29	NW	NNW	NNW	SE	SE	SSW	SSW	SSW	WSW	WSW	W	WSW
30	NW	NNW	NNW	NW	NNW	NNW	NE	E	SE	SSE	W	WNW
Mean direction.	NW	NW	NW	NW	NNW	NNW	NE	E	E	WNW	WNW	WNW

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MARCH.

Hours.												Mean direction.	Date.
12—13	13—14	14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		
W	W	W	WNW	WNW	NW	NW	NW	NW	NNW	NNW	N	NW	1
WNW	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NW	2
WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NNW	NW	3
WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NNW	NNW	NW	4
NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW	5
NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	6
WNW	WNW	WNW	W	W	W	W	W	W	W	W	W	WNW	7
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NNW	NNE	NW	8
WNW	WNW	WNW	WNW	NW	NW	NW	NNW	NNW	NNE	NNE	N	NNW	9
NW	NW	NW	NW	NW	NW	NW	NNW	NNW	N	NNE	NNE	NNW	10
WNW	WNW	WNW	WNW	NW	NW	NW	NNW	NNW	NNW	N	NW	NNW	11
WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	12
W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NNW	WNW	13
WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	14
NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NW	NNW	NW	15
WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NNW	NW	NNW	NNW	16
WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NNW	NNW	NNW	NW	NW	17
WNW	WNW	W	WNW	WNW	WNW	NW	NW	NW	NW	NW	NW	WNW	18
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	WNW	WNW	WNW	19
NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	20
WNW	WNW	WNW	NW	NW	NW	NW	NW	NW	NNW	NNW	NNE	NNW	21
NW	NW	W	NW	NW	NNW	NNW	NNW	NNW	N	N	NNW	NNW	22
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	NNW	23
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	NNW	24
WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NNW	N	N	NNW	25
WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NNE	NNE	NW	26
W	W	W	W	WNW	WNW	WNW	WNW	NW	NW	NNW	NW	WNW	27
WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	NW	28
WNW	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW	29
WNW	WNW	WNW	WNW	NW	NW	NW	NNW	NNW	NNW	NNW	NW	NW	30
WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NNW	NNW	WNW	31
WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NW	Mean direction.

APRIL.

W	W	W	W	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	1
WNW	WNW	WNW	WNW	WNW	NW	NW	NNW	NNW	NNW	NNW	NNW	NW	2
NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	3
WNW	WNW	WNW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NW	NW	4
WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NNW	NNW	N	NNE	NW	5
W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	6
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NNW	NNW	WNW	7
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	8
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	9
SW	WSW	W	W	WSW	WSW	WSW	W	W	W	W	W	WSW	10
SW	SW	SW	WSW	WSW	WSW	WSW	W	W	W	WSW	WSW	WSW	11
WSW	WSW	WSW	WSW	W	W	W	W	W	WSW	WSW	WSW	WSW	12
SW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	SW	13
W	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	WSW	WSW	W	14
WNW	WNW	NW	NW	NW	NW	NW	NNW	NNW	NNW	N	NNE	NW	15
NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	WNW	WNW	NW	16
W	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	17
WNW	WNW	WNW	WNW	WNW	WNW	W	WSW	WSW	WSW	W	W	WNW	18
WSW	WSW	WSW	WSW	W	W	W	W	W	WSW	WSW	WSW	W	19
WNW	WNW	NW	NW	WNW	NW	NW	NW	WNW	NW	WNW	WNW	NW	20
NW	NW	NW	NW	NW	WNW	WNW	NW	NW	NW	NNW	NW	NW	21
WNW	WNW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NW	22
NW	NW	NW	NW	NNW	NW	NNW	NNW	NNW	NNE	NNE	NNW	NNW	23
WNW	WNW	NW	NW	NW	NNW	NW	NNW	NNW	N	ENE	NNE	NNW	24
WNW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	25
NNW	NNW	NW	NNW	NNW	NNW	NNW	NNW	N	NNE	NNW	NNW	NNW	26
NW	NW	WNW	WNW	WNW	WNW	WNW	NW	NNW	NNW	N	NNW	NW	27
WSW	W	WNW	WNW	WNW	WNW	WNW	W	W	W	WSW	NW	WSW	28
WSW	WSW	WSW	W	W	W	W	WNW	WNW	WNW	NW	NW	WSW	29
WNW	WNW	WNW	NW	NW	NW	NNW	NNW	NNW	NNW	N	N	NW	30
WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	WNW	Mean direction.

(Averages for periods of sixty minutes from full hour to full hour of local meantime.)

MAY.

Date.	Hours.											
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12
1	NNW	N	NE	NNE	NNE	N	N	NNW	NNW	NNW	NW	WNW
2	NW	NW	S	S	S	N	N	NNW	NNW	WNW	WNW	WNW
3	SE	NW	NW	NNW	NNW	N	N	NNW	NW	WNW	WNW	WNW
4	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	WNW	NW	NW	WNW
5	NNW	NNW	NE	NE	SE	SE	SE	ESE	ESE	SSE	W	WNW
6	WNW	WNW	S	SSE	S	S	S	S	S	SSW	SSW	SW
7	NW	NNE	NNE	NE	ESE	S	SSW	SSW	SSW	SSW	SSW	SW
8	NW	NW	NNW	NNW	N	NE	ESE	ESE	ESE	Veriable	W	W
9	NNW	NNW	NNW	NW	NNW	NW	NNW	SE	SE	S	WNW	WNW
10	NW	NW	NW	NNW	NNW	NNW	NNW	NE	NE	NW	NW	WNW
11	NNW	NNW	NNW	NNW	NNE	NNE	NE	NNE	NE	ENE	WNW	WSW
12	NNW	NNW	N	NE	ENE	NE	NNE	NNW	NNW	NNW	NNW	WNW
13	NNW	N	NE	E	NE	ESE	SSE	S	WSW	W	WSW	WSW
14	WNW	W	W	W	NNW	NNW	NW	NW	WNW	W	W	WNW
15	WNW	WNW	WNW	NW	NW	NNW	NW	WNW	WNW	W	WNW	W
16	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	WNW	WNW	WSW	WSW
17	W	WNW	WNW	W	W	ESE	SSE	SSE	NNW	WNW	NW	WNW
18	WNW	WNW	WNW	NW	NW	NNW	NNW	NNW	NNW	NW	WNW	WNW
19	NW	NW	NW	NW	NNW	N	NNE	WNW	WNW	WNW	WNW	WNW
20	WNW	WNW	W	WNW	WNW	W	WNW	WSW	WSW	WNW	W	WSW
21	W	W	WNW	WNW	WNW	WNW	WNW	W	WSW	WSW	WSW	WSW
22	WNW	WNW	WNW	NW	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW
23	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NW	WNW	WNW
24	NNW	NNW	NNW	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW
25	NNW	NNW	NNW	NNE	NNE	NNE	NE	N	NNW	NW	NW	WNW
26	WNW	NW	NW	NNW	NNW	NNW	N	N	NNW	NW	WNW	WNW
27	WNW	WNW	WNW	NW	NW	NNW	NNW	NNW	NW	NW	NW	WNW
28	WSW	WSW	WSW	WSW	WSW	W	WNW	WNW	WNW	WNW	WNW	WNW
29	WSW	WSW	W	W	WSW	W	W	W	W	W	WSW	W
30	WNW	WNW	WNW	W	W	NW	WNW	W	WNW	W	WNW	WNW
31	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	WNW	WNW
Mean direction.	NW	NW	NW	NW	NW	NW	NW	WNW	WNW	WNW	WNW	WNW

JUNE.

1	WNW	WNW	NW	NW	WNW	WNW	WNW	WNW	WNW	WNW	W	W
2	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW
3	WSW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
4	W	W	W	W	W	W	WSW	WSW	WSW	WSW	WSW	WSW
5	WSW	WSW	WSW	WSW	WSW	SW	SW	WSW	WSW	WSW	SW	SW
6	WSW	WSW	WSW	WSW	WSW	WSW	W	WSW	WSW	WSW	WSW	W
7	WNW	WNW	W	WSW	W	W	W	W	WNW	WNW	WNW	WNW
8	WNW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NW	WNW	WNW
9	WNW	WNW	WNW	WNW	WNW	NW	NW	NNW	NNW	NNW	NNW	NNW
10	NW	NW	NNW	NNW	NW	NW	NNW	NNW	NNW	NNW	NW	NW
11	SE	E	E	SW	S	S	E	ESE	ESE	WSW	SSW	SW
12	SE	S	SSE	SSE	SSE	SSE	SSE	SSE	S	SSW	SSW	SSW
13	S	SSE	SSE	SSE	SSE	S	SSE	SSW	SSW	SSW	SSW	SSW
14	SSW	SSW	SSW	SSE	SSE	SSE	SSE	S	S	S	S	S
15	S	S	S	SW	W	WSW	SW	SW	SW	WSW	WSW	WSW
16	WSW	WSW	WSW	WSW	WSW	WSW	WSW	SW	SW	SW	SW	SW
17	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW
18	WSW	WSW	WSW	SW	SW	SW	SW	WSW	WSW	WSW	WSW	WSW
19	WSW	WSW	WSW	WSW	W	W	W	W	W	W	W	WNW
20	WSW	WSW	WSW	WSW	WSW	WSW	W	WSW	WSW	WSW	WSW	WSW
21	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	WSW	W
22	WSW	WSW	WSW	WSW	WSW	SW	W	WSW	WSW	WSW	SW	SW
23	WSW	WSW	WSW	WSW	W	W	WNW	WNW	WNW	WNW	W	W
24	WSW	WSW	WSW	WSW	W	W	W	W	SE	SE	WSW	WNW
25	WSW	WSW	W	WSW	W	W	ESE	SE	SSE	S	W	W
26	W	Calm	W	SE	SE	SE	SSW	SW	SSW	SSW	SSW	SSW
27	SSW	WSW	WSW	SE	SE	SE	SE	ESE	SE	S	SSW	WSW
28	SSE	WNW	WSW	SE	SE	SSW	S	SSE	SSE	SSE	S	SSW
29	SSE	SSE	SSE	SSE	WNW	WNW	W	WNW	WSW	WSW	SW	WNW
30	SSW	SSW	SSE	WSW	SW	SSE	SSE	SSE	SE	SE	SSE	S
Mean direction.	SSW	SW	SW	SSW	WSW	SW	SW	SW	SW	SW	SW	SW

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MAY.

Hours.												Mean direction.	Date.
12—13	13—14	14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		
WNW	WNW	WNW	WNW	NW	NW	WNW	WNW	WNW	WNW	NW	NW	NW	1
W	W	WNW	NW	NW	NW	WNW	WNW	E	WNW	NE	E	WNW	2
WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	S	NW	3
WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NNW	WNW	4
W	W	WNW	W	W	W	WNW	WNW	WNW	WNW	WNW	NW	W	5
SW	SW	WSW	W	W	W	WNW	WNW	NW	WNW	WNW	WNW	SSW	6
WSW	W	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	WNW	WNW	W	7
WNW	WNW	WNW	WNW	WNW	NW	NW	WNW	NW	NW	NNW	NNW	NW	8
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	WNW	9
WNW	WNW	WNW	WNW	NW	NW	NW	WNW	NW	NW	NNW	NNW	NW	10
WNW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	11
WNW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	12
WSW	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	WNW	13
W	W	W	W	W	W	W	WNW	W	W	W	WNW	W	14
W	W	W	W	W	WSW	W	WSW	WSW	WSW	WSW	WSW	W	15
W	W	W	W	WNW	W	W	WSW	WSW	WSW	WSW	WSW	W	16
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	17
WNW	NW	NW	NW	NW	NW	NW	WNW	WNW	NW	NNW	NNW	NW	18
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	WNW	NW	NW	WNW	19
WSW	WSW	W	W	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	20
W	W	W	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	21
WNW	NW	NW	NW	NW	NW	NW	NW	WNW	NW	NW	NW	NW	22
WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NNW	NW	NW	23
WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NNW	NNW	NW	NW	WNW	24
WNW	W	W	WNW	WNW	WNW	WNW	WNW	WNW	NW	WNW	WNW	NW	25
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	WNW	WNW	WNW	26
WNW	NW	NW	WNW	WNW	NW	NW	NW	WNW	WNW	WNW	W	NW	27
WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	WSW	WSW	WSW	WSW	WNW	28
W	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	29
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	W	W	WNW	30
WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	WNW	WNW	WNW	WNW	WNW	31
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	WNW	Mean direction.

JUNE.

W	W	W	W	WNW	WNW	W	W	W	WNW	WSW	WSW	W	1
NW	WSW	WSW	W	W	W	W	W	W	W	WSW	WSW	WSW	2
SW	SW	WSW	SW	SW	WSW	WSW	WSW	WSW	WSW	WSW	W	SW	3
WSW	W	WSW	W	WSW	W	W	W	WSW	WSW	WSW	WSW	WSW	4
SW	SW	WSW	WSW	W	WSW	WSW	WSW	SW	SW	WSW	WSW	WSW	5
WNW	WNW	W	W	W	WNW	W	W	W	W	W	WNW	W	6
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	7
WNW	WNW	WNW	WNW	WNW	WNW	NW	NNW	WNW	WNW	WNW	W	WNW	8
NNW	NNW	NW	NW	NW	NW	NW	NW	NNW	NW	SSW	SSW	NW	9
NW	NW	WNW	NW	NW	NW	NW	NW	WNW	NW	W	SE	NW	10
WSW	WSW	WSW	WSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	11
S	S	S	S	S	S	S	S	S	S	S	S	S	12
SSW	S	S	SSW	SW	SW	SW	SW	SW	SSW	SSW	SSW	SSW	13
S	S	S	S	S	S	S	S	S	S	SSW	SSW	S	14
WSW	WSW	SW	SSW	SSW	SSW	SSW	S	SW	SSW	SSW	SW	SSW	15
SW	WSW	WSW	W	WSW	WSW	SW	NW	WSW	WSW	WSW	WSW	WSW	16
WSW	WSW	WSW	WSW	WSW	WSW	SW	SW	SW	SW	SW	SW	WSW	17
WSW	W	W	W	W	W	W	WSW	WSW	W	WSW	WSW	WSW	18
W	W	WNW	WNW	WNW	W	W	WSW	WSW	WSW	SW	SW	W	19
W	W	W	W	W	W	W	W	WSW	WSW	WSW	SW	WSW	20
W	WSW	WSW	WSW	W	WSW	W	WSW	WSW	WSW	WSW	WSW	WSW	21
SW	WSW	W	W	W	W	WSW	W	WSW	WSW	WSW	WSW	WSW	22
W	W	W	W	W	W	WSW	WSW	WSW	WSW	WSW	WSW	W	23
W	WNW	WNW	WNW	WNW	W	W	W	WSW	WSW	SW	WSW	W	24
W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	WSW	W	W	25
SSW	WSW	W	WNW	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WSW	26
WSW	WSW	W	WSW	WSW	WSW	WSW	SW	SW	NW	SW	SSW	SW	27
SSW	SSW	SSW	SSW	SSW	SSW	S	S	SSE	SE	SSE	SSE	S	28
SE	S	S	S	SSW	SW	SSW	S	S	SSE	SSE	SSW	S	29
SSE	SW	SSW	W	WSW	WSW	SW	W	S	SE	ESE	ESE	S	30
SW	WSW	WSW	WSW	WSW	WSW	SW	SW	SW	SW	SSW	SW	SW	Mean direction.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JULY.

Date.	Hours.											
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12
1	SE	SSE	SSE	WSW	SW	WSW	WSW	WSW	WSW	WSW	WSW	SW
2	SSE	SSE	SSE	NW	WNW	S	WNW	SSE	SSW	SSW	S	S
3	SW	SW	SW	SW	SW	SW	WNW	SW	SW	S	S	SSW
4	SSE	SSE	SSE	SSE	SSE	SSW	S	S	S	S	SSW	SW
5	W	WSW	WSW	W	WSW	WSW	WSW	WSW	WSW	W	WSW	WSW
6	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW
7	WSW	SW	W	WSW	WSW	W	W	SW	SW	SW	WSW	WSW
8	W	W	W	NW	NW	SW	W	W	WSW	SSW	SSE	SW
9	W	W	W	W	W	W	W	WSW	WSW	WSW	WSW	WSW
10	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	W	WSW	WSW	WSW
11	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	NW	W	N
12	SE	WSW	WSW	WSW	WSW	WSW	SW	WSW	WSW	WSW	W	WSW
13	WSW	WSW	WSW	WSW	WSW	SW	WSW	WSW	WSW	WSW	WSW	W
14	SW	SW	SW	SW	SW	SW	SW	SW	SW	WSW	SW	SW
15	SSW	SSW	SSW	SSW	SSW	SSW	SSE	SSE	SSE	SSE	S	S
16	SSW	SSW	NNW	SE	SE	SE	SE	SE	SE	SSE	SSW	WSW
17	WSW	W	W	W	W	W	W	W	W	W	W	W
18	W	W	W	W	W	W	W	W	W	W	W	W
19	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	SW
20	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	WSW	WSW	WSW
21	W	W	W	W	W	W	W	WNW	W	W	W	W
22	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	WNW
23	WSW	W	W	W	W	WSW	WSW	W	W	W	WSW	WSW
24	W	WNW	WSW	WNW	WSW	W	WSW	W	WSW	W	W	W
25	W	W	W	W	W	WSW	W	W	W	W	W	WSW
26	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	SW
27	WSW	WSW	WSW	SW	SW	WSW	WSW	WSW	WSW	WSW	SW	SW
28	SW	SW	WSW	WSW	WSW	SW	SW	SW	W	SW	SW	SW
29	WSW	W	WSW	SW	SW	W	WNW	W	W	SW	W	WSW
30	WSW	WSW	W	WSW	WSW	WSW	W	W	WSW	SW	WSW	W
31	SW	SW	SW	SW	WSW	WSW	WSW	SW	SW	W	SW	WSW
Mean direction.	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	SW	WSW

AUGUST.

1	W	W	W	W	W	W	W	W	W	WNW	W	WNW
2	WNW	WNW	WNW	WNW	W	WNW	WNW	WNW	W	WNW	W	WNW
3	WNW	WNW	WNW	WNW	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW
4	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW
5	W	W	W	WSW	WSW	SW	WNW	WNW	WNW	WNW	WNW	WNW
6	W	W	W	W	W	W	W	W	W	W	W	W
7	WNW	W	W	WNW	WNW	NNW	WNW	W	W	W	SW	W
8	W	W	W	W	W	W	W	W	WSW	WSW	Variable	NNW
9	W	W	W	W	W	W	W	W	W	W	WSW	WSW
10	SW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW
11	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	WSW	WSW
12	WSW	SW	WSW	SW	SW	WSW	WSW	WSW	WSW	WSW	SW	WSW
13	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW
14	WSW	WSW	WSW	WSW	WSW	W	WSW	WSW	WSW	WSW	SW	SW
15	WSW	W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW
16	WSW	WSW	WSW	W	WSW	WSW	WSW	W	W	W	W	W
17	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W
18	WSW	WSW	WSW	W	W	W	W	WSW	WSW	WSW	WSW	WSW
19	WSW	WSW	WSW	WSW	W	WNW	WNW	WNW	W	W	W	W
20	WSW	WSW	WSW	WSW	WSW	W	W	W	W	W	W	W
21	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	W	W	WSW	WSW
22	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	SW	WSW
23	SW	WSW	WSW	W	W	WSW	WSW	WSW	WSW	WSW	WSW	W
24	WSW	WSW	WSW	WSW	WSW	WSW	WSW	SW	SW	SW	SW	SW
25	WSW	W	WNW	WNW	SW	SW	WSW	S	SW	SW	SW	SW
26	WSW	WSW	WSW	WSW	WNW	W	WSW	WSW	WSW	WSW	SSW	SSW
27	W	W	W	W	W	W	W	W	WSW	WSW	W	W
28	WSW	WSW	WSW	WSW	WNW	SW	WSW	WSW	WSW	WSW	WSW	WSW
29	WSW	WSW	WSW	WSW	WSW	WNW	WNW	WSW	WSW	WSW	WSW	WSW
30	W	W	W	W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW
31	WSW	WSW	W	W	W	WNW	W	W	W	W	WSW	WSW
Mean direction.	WSW	W	W	W	W	W	W	W	W	W	WSW	W

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JULY.

Hours.												Mean direction.	Date.
12—13	13—14	14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		
SW	SSW	SSW	SW	SW	WSW	WSW	WNW	WNW	ESE	SE	SSE	SSW	1
S	S	S	SSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	SW	SSW	2
SSW	WNW	W	SW	SSW	SSW	SSW	W	SSW	SSW	SSE	SSE	SSW	3
SSW	S	WSW	WSW	W	W	WSW	W	WNW	WNW	WNW	W	SSW	4
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	SW	SSW	5
WSW	WSW	W	W	WSW	WSW	WSW	W	WSW	WSW	WSW	WSW	SSW	6
WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	W	WNW	WNW	W	WSW	7
SW	WNW	WNW	W	W	W	W	W	W	W	WNW	WNW	W	8
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	9
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	10
WSW	WNW	E	ESE	ESE	ESE	SE	SE	ESE	ESE	W	W	SW	11
WSW	WSW	WSW	WSW	WSW	WSW	WSW	SW	SSW	SW	WSW	WSW	WSW	12
W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	SW	SW	SW	SW	WSW	13
SW	SW	SW	SW	SW	SW	WSW	WSW	SW	SW	SW	SSW	SW	14
SSW	WSW	WSW	WSW	SW	WSW	W	WSW	S	SSE	S	SSE	S	15
SSW	WSW	SE	WNW	W	SW	SW	SSW	W	W	WSW	WSW	S	16
W	W	W	W	W	W	W	W	W	W	W	W	W	17
W	W	WSW	W	W	W	WSW	WSW	W	WSW	W	WSW	W	18
WSW	SW	WSW	WSW	WSW	SW	SW	SW	WSW	WSW	WSW	WSW	WSW	19
WSW	WSW	WSW	WSW	WSW	SW	SW	SW	W	W	W	W	WSW	20
W	W	W	W	W	W	W	W	W	W	W	W	W	21
WNW	WNW	WNW	WNW	WNW	WNW	W	W	W	W	W	W	WNW	22
W	WSW	WSW	WSW	WSW	WSW	WSW	W	W	W	WSW	W	W	23
W	W	W	W	W	W	W	W	W	W	WSW	W	W	24
SSW	SSW	WSW	W	W	WSW	WSW	NW	W	WSW	WNW	WSW	W	25
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	26
WSW	WSW	WSW	WSW	SW	SW	SW	SW	SW	WSW	SW	SW	WSW	27
SW	SW	SW	SW	WSW	WSW	SW	WSW	SW	W	W	WSW	WSW	28
WSW	WSW	WSW	WSW	WSW	WNW	WSW	SW	WSW	SW	WSW	WSW	WSW	29
W	W	W	W	WSW	WSW	WSW	WSW	WSW	SW	SW	SW	WSW	30
WSW	WSW	WSW	WSW	WSW	WSW	W	W	W	WSW	WSW	WSW	WSW	31
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	Mean direction.

AUGUST.

WNW	WSW	W	W	SW	SW	SW	W	W	W	W	W	W	1
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	W	WNW	WNW	2
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	WNW	WNW	WNW	3
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	W	WNW	4
WNW	WNW	WNW	WNW	WNW	WNW	W	W	W	W	W	W	WNW	5
W	WSW	W	W	WNW	W	W	W	W	W	W	WNW	W	6
W	W	W	W	WNW	WNW	WNW	WNW	WNW	WNW	W	W	WNW	7
SSW	W	S	S	S	S	WNW	WSW	WSW	W	W	W	W	8
WSW	WSW	WSW	WSW	WSW	W	WSW	WSW	W	WSW	SW	WSW	W	9
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	WSW	WSW	WSW	10
WSW	WSW	WSW	WSW	WSW	W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	11
WSW	WSW	WSW	WSW	WSW	SW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	12
SW	SW	W	WSW	WSW	WSW	W	WSW	WSW	WSW	WSW	WSW	WSW	13
SW	SW	SW	SW	SW	SW	SW	SW	WSW	WSW	WSW	WSW	WSW	14
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	WSW	W	WSW	15
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	16
W	W	W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	17
W	WSW	WSW	WSW	W	W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	18
WSW	WSW	W	W	W	W	W	WSW	WSW	WSW	WSW	WSW	W	19
W	W	W	W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	20
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	21
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	SW	WSW	WNW	WSW	WSW	22
W	W	WSW	WNW	WNW	WNW	WSW	WSW	WSW	WSW	WSW	WSW	W	23
SW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	24
SW	W	W	W	W	W	W	W	WSW	WSW	WSW	WSW	WSW	25
WSW	WSW	WSW	WSW	W	WNW	WSW	W	WNW	WNW	WNW	W	WSW	26
W	W	W	WNW	WNW	W	W	W	WSW	WSW	SW	WSW	W	27
W	W	W	W	WSW	WNW	W	W	W	WSW	W	W	W	28
WSW	W	WNW	W	W	W	WSW	WNW	W	W	W	W	W	29
W	W	W	W	WNW	WNW	WNW	W	W	W	W	WSW	W	30
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	31
W	W	W	W	W	W	W	W	W	W	WSW	W	W	Mean directi

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER.

Date.	Hours.											
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12
1	WSW	WSW	WSW	WSW	W	W	W	W	W	W	W	W
2	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W
3	SW	SW	SSW	SSW	SW	SW	SW	SSW	SW	SSW	SSW	SSW
4	SSW	SSW	SSW	SSW	SW	SW	SW	SSW	SSW	WSW	WSW	WSW
5	SSW	SSW	SSW	SSW	S	SSE	SSE	S	SSW	SSW	SW	SW
6	W	WNW	SW	SW	SE	SE	SE	SE	SE	SE	SE	SE
7	NW	NW	NNW	NW	NW	ESE	ESE	ESE	ESE	ENE	SE	SSW
8	WNW	WNW	WNW	WNW	W	W	W	SE	SE	W	WSW	WSW
9	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	WNW	WNW
10	NW	NW	NW	NW	NW	NW	Calm	NW	SE	SE	S	W
11	WNW	WNW	WNW	NE	NE	ESE	ESE	ESE	SE	SSW	W	WNW
12	WNW	ESE	E	ESE	Calm	ESE	N	ESE	SE	ESE	SE	WSW
13	NNW	NNW	NNW	SE	SE	ESE	SE	WNW	NW	NNW	NNW	NNW
14	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	WNW	WNW	NW
15	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WSW	W	SSW	SSW
16	W	SW	SW	WSW	WSW	WSW	W	WSW	WSW	WSW	WSW	WSW
17	WSW	WSW	WSW	WSW	WSW	W	W	W	W	W	WNW	W
18	WSW	WSW	WSW	WSW	SW	WSW	WSW	SSW	SSW	SSW	SSW	SSW
19	SSW	SSW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW
20	SSW	SSW	SSW	SW	SSW	SW	SW	SSW	WSW	WSW	SW	SW
21	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW
22	WSW	SW	SW	SW	WSW	WSW	WSW	WSW	WSW	WSW	W	WSW
23	W	W	W	W	W	WSW	WSW	W	W	WSW	WSW	WSW
24	W	WNW	W	W	W	WNW	WNW	W	W	WNW	WNW	WNW
25	SSW	SSW	SSW	SSW	SW	SSW	SE	SE	SSE	S	S	SSW
26	WNW	WNW	WNW	WNW	NW	NW	NE	ENE	ENE	ENE	E	WNW
27	NNW	NNW	NNE	NNE	NNE	NNE	NNE	NE	NE	ENE	WNW	WNW
28	NNE	NNE	N	NNW	NNW	NW	NW	NW	NW	NW	WNW	WNW
29	SSW	SW	W	WNW	E	E	ESE	ESE	ESE	SSE	SSE	WSW
30	NW	NW	NW	E	S	E	E	ENE	ENE	ENE	NW	WNW
Mean. direction.	W	WSW	WSW	WSW	WSW	WSW	WSW	SW	SW	WSW	WSW	WSW

OCTOBER.

1	NNW	NW	ESE	WNW	NW	N	N	N	N	NE	NNW	NNW
2	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW	NW
3	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	WNW	WNW
4	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW
5	NW	NW	NNW	NNW	NNW	NNW	S	SSW	SSW	S	S	SSW
6	SSW	S	S	S	S	SSW	SSW	SSW	SSE	SSW	S	SSW
7	W	WSW	SW	SW	NW	WSW	SSW	SSW	WSW	SSW	WNW	WNW
8	NNW	N	N	N	N	NNE	ENE	ENE	N	NNW	NW	NW
9	NNW	NNW	NNW	N	N	N	NE	NE	NE	NNW	WNW	WNW
10	NNW	NNW	NNW	NNW	NNW	N	NW	NE	NE	ENE	NW	WNW
11	NNW	NNW	N	N	N	N	N	NNE	ESE	ENE	ESE	WSW
12	NNW	NNW	NNW	NNW	NNW	NNW	NNE	NNE	ENE	NNW	NW	WNW
13	NNW	NNW	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE	SSE
14	N	N	NNE	NNE	NNE	NNE	NNE	NE	ENE	NNW	NNW	NNW
15	N	N	N	N	NNE	N	N	NE	ENE	ENE	ENE	W
16	NNW	NNW	WNW	NW	NW	E	ENE	ENE	ENE	ENE	NE	NE
17	N	NNW	NE	NE	NNE	N	N	NNW	NE	NE	NE	ENE
18	ESE	N	N	N	NNE	NNE	NNE	NE	ENE	ENE	ENE	ENE
19	N	N	NNE	NNE	NNE	NE	NNE	NNE	E	WNW	WNW	WNW
20	NNE	N	N	N	NNE	NNE	NNE	ENE	ENE	ENE	WNW	WNW
21	NNE	NE	NE	NNE	N	N	N	N	NW	NW	NW	NW
22	N	N	N	N	N	N	N	NNW	NNW	NNW	NW	NW
23	N	WNW	NW	NNW	NNW	NNW	NNW	N	NNW	NNW	WNW	WNW
24	NNW	NNW	NW	NW	NNW	NNW	NNW	NNW	NW	WNW	WNW	WNW
25	W	NW	NW	NNW	NW	NW	NNW	NW	N	SSE	W	W
26	SE	SE	WNW	WNW	NW	NNW	N	N	NNW	ESE	ENE	WNW
27	NNW	NW	NW	NW	NNW	NNW	N	NNW	WNW	WNW	NW	NW
28	NNW	NNW	N	NE	NE	NNE	NNE	NE	ENE	ENE	SE	W
29	NE	E	ESE	ESE	ESE	E	SE	ESE	ESE	ESE	ESE	SE
30	NNE	NNE	NE	ESE	ENE	NNE	NE	ENE	ENE	ENE	NE	ENE
31	NNE	NE	NE	ENE	ENE	ENE	ENE	NE	ENE	ENE	E	W
Mean direction.	NNW	NNW	N	N	N	N	NNE	NNE	NE	NNE	NW	WNW

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER.

Hours.												Mean direction.	Date.
12—13	13—14	14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		
W	W	W	W	W	W	W	WSW	WSW	WSW	WSW	WSW	W	1
WSW	WSW	WSW	SW	WSW	WSW	WSW	WSW	WSW	SW	SW	SW	WSW	2
SSW	SSW	WSW	WSW	SW	WSW	WSW	WSW	SW	SW	SW	SSW	SW	3
WSW	WSW	WSW	WSW	SW	WSW	WSW	WSW	WSW	WSW	SSW	SSW	SW	4
WSW	WSW	WSW	W	W	WNW	W	WNW	WNW	WNW	W	WSW	SW	5
WSW	WSW	WSW	W	WNW	WNW	WNW	NW	WNW	WNW	WNW	NW	SW	6
W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	7
WSW	WSW	W	W	WNW	WNW	NW	NW	NW	WNW	NW	WNW	WNW	8
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	9
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	WNW	WNW	10
WNW	W	W	W	W	W	WNW	WNW	WNW	WNW	WNW	WNW	W	11
W	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	NW	12
NNW	NNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	13
WNW	W	W	WNW	WNW	WNW	WNW	W	WNW	WSW	W	W	WNW	14
W	W	W	WSW	WSW	W	WSW	W	W	WSW	WSW	WSW	W	15
WSW	WSW	WSW	WSW	W	W	W	W	WNW	WSW	WSW	WSW	WSW	16
W	WSW	WSW	WSW	WSW	SW	SSW	SSW	SW	SW	SW	WSW	WSW	17
SSW	SSW	S	SSW	SSW	SSW	SSW	SSW	WSW	WSW	SW	SW	SSW	18
SSW	SSW	SSW	SSW	SSW	SSW	SW	SSW	SW	SSW	SSW	SSW	SSW	19
SW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	SW	20
WSW	WSW	WSW	WSW	WSW	WSW	WNW	WSW	WSW	WSW	SW	SW	WSW	21
W	W	WNW	W	WNW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	22
WSW	WSW	WSW	WSW	W	WNW	W	W	W	WNW	WSW	W	W	23
W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	WSW	W	WSW	W	24
WSW	WSW	W	W	W	W	WNW	WNW	WNW	WNW	WNW	WNW	WSW	25
WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NNW	NNW	NW	26
WNW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNE	NNW	27
WSW	W	W	W	WNW	WNW	WNW	SW	N	N	SE	SE	WNW	28
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	W	W	29
WNW	WNW	WNW	WNW	NW	NW	NW	NNW	WNW	NW	NW	NW	NW	30
W	WSW	W	W	W	W	W	W	W	W	W	W	W	Mean direction.

OCTOBER.

NNW	NNW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	1
NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	2
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	3
WNW	WNW	NW	NW	NW	NW	NW	NW	NW	WNW	WNW	WNW	WNW	4
SSW	SW	WSW	W	W	W	NNW	NNW	N	N	E	S	WSW	5
WSW	W	W	W	WNW	WNW	WNW	WNW	WNW	WNW	W	W	SW	6
WNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	NW	7
NW	NW	NW	NW	NW	NNW	NNW	NNW	NW	NNW	NNW	NNW	NNW	8
WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	NNW	NW	9
WNW	WNW	WNW	WNW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NW	10
WNW	WNW	WNW	WNW	WNW	NW	NW	NNW	NNW	NNW	NNW	NNW	NW	11
WNW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NW	12
WSW	W	W	W	W	WNW	WNW	NW	NW	NNW	NNW	NNW	E	13
NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNW	14
W	WSW	WSW	W	WNW	WNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	15
NE	NE	W	WNW	W	WNW	NW	NW	NW	NNW	NNW	N	N	16
NW	WNW	WNW	NW	NW	NW	NW	NNW	NNW	NNW	NNE	ENE	NNW	17
WNW	WNW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	18
WNW	WNW	WNW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	19
WNW	WNW	WNW	WNW	NW	NW	NW	NW	NNW	NNW	NNW	N	NNW	20
NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW	NNW	N	N	NNW	21
WNW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	NNW	22
NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NW	23
WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	WNW	W	NW	24
W	WNW	WNW	WNW	WNW	WNW	WNW	NW	WNW	WNW	WNW	WNW	WNW	25
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	NW	Calm.	WNW	26
NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NW	NW	NNW	NW	27
WNW	NW	WNW	NW	NNW	NNW	NNW	NNW	N	NNE	NE	NE	NNW	28
SE	WSW	WNW	WNW	WNW	NW	NW	NNW	NNW	N	NNE	NNE	WNW	29
WNW	WNW	WNW	WNW	NW	NW	NW	NW	NNW	NE	NE	NNE	N	30
WNW	WNW	WNW	NW	NW	NNW	NNW	NNW	N	N	N	N	N	31
WNW	WNW	WNW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NW	Mean direction.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

NOVEMBER.

Date.	Hours.											
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12
1	NNW	Calm.	NNE	NE	NE	NE	NE	ENE	ENE	SE	SE	WNW
2	NE	NE	NNE	NE	NNE	ENE	NE	NE	NE	ENE	NE	ENE
3	NE	NE	E	NE	NE	ENE	NNE	NE	ENE	ENE	E	ESE
4	NE	NE	NE	NE	NE	NE	ENE	ENE	ENE	E	NE	ENE
5	E	NNE	NNE	NE	NE	NE	ENE	ENE	NE	NE	NE	NE
6	E	E	ENE	NE	NE	ENE	ENE	ENE	E	ENE	NE	NE
7	NNE	ENE	NE	ENE	ENE	NE	NE	NE	NE	ENE	ENE	ENE
8	NNE	NE	NE	NNE	NE	NNE	NNE	NE	NE	ENE	WNW	WNW
9	N	N	N	NNE	NE	NE	NE	ENE	NE	NE	NE	ENE
10	SE	SE	ESE	ESE	ESE	ESE	E	ENE	E	ENE	E	ESE
11	NE	ENE	NE	NNE	NNE	NE	NE	ENE	ENE	ENE	ENE	E
12	NNE	NNE	NNE	N	N	NNW	N	NE	NE	NE	NW	NW
13	NE	NE	NE	N	N	N	NNE	NE	NE	ENE	WNW	NW
14	N	N	N	N	N	N	N	NNW	NNW	NNW	NNW	NNW
15	NNE	NE	E	E	NE	NNE	NNE	NE	NE	NE	ENE	WNW
16	ESE	E	NNE	NE	ENE	ENE	ENE	ENE	ENE	ENE	NW	WNW
17	N	E	NE	ENE	ENE	ENE	NE	NE	NE	NE	NE	NE
18	N	N	ESE	ENE	NE	NE	NE	NE	NE	NE	NE	NE
19	N	NE	NE	NE	ENE	ENE	NE	NE	NE	NE	NE	NE
20	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	WNW
21	ENE	ENE	NE	ENE	ENE	ENE	ENE	ENE	E	ENE	ENE	ENE
22	NE	NNE	NE	ENE	NE	NE	NE	ENE	ENE	E	ENE	ENE
23	N	ESE	ESE	NNE	NNE	NE	ENE	ENE	ENE	NE	ENE	ENE
24	N	NE	ENE	NNE	NNE	N	NE	NE	NE	ENE	NE	WNW
25	NNE	NNE	NNE	NE	NE	NE	NE	NE	NE	NE	ENE	ENE
26	E	E	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	NW
27	NNE	NNE	NNE	NNE	NNE	NNE	NNE	ENE	ENE	ENE	ENE	WNW
28	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE	ENE	NW	NW
29	Calm	NE	NE	NNE	N	ENE	NE	NE	ENE	E	ESE	WNW
30	ENE	ENE	NE	NE	ENE	ENE	ENE	NE	NE	NE	ENE	ENE
Mean Direction.	NE	NE	NE	NE	NE	NE	NE	NE	NE	ENE	NE	NNE

DECEMBER.

1	NNE	NNE	ENE	NE	Calm	NE	NE	NE	ENE	ENE	NE	NE
2	NE	ENE	E	ESE	NE	NE	ENE	ENE	ENE	NE	NE	NE
3	E	NE	ENE	NE	NE	NE	ENE	ENE	ENE	ENE	E	ENE
4	NE	NE	NE	NE	NE	NE	NE	NE	ENE	ENE	NE	NE
5	ENE	ENE	ENE	NE	NE	NE	NE	NE	NE	NE	NE	WNW
6	NNE	NNE	NNE	NNE	ENE	ENE	ENE	NE	NE	NE	NE	NE
7	E	ENE	NE	NNE	NE	NE	ENE	NE	NE	NE	ENE	NW
8	E	ENE	NE	NE	N	N	NNE	NNE	NE	NE	NE	ENE
9	NE	ENE	NNE	N	N	ENE	ENE	NE	NE	NNW	NW	NW
10	N	N	N	N	N	N	N	NNE	ENE	NE	NW	NW
11	NNE	NE	NNE	NNE	N	N	NNE	NE	NE	NE	ENE	W
12	N	ENE	NE	N	NNW	NNW	N	N	NE	ENE	NNW	NW
13	N	NNW	NNW	ENE	NE	N	NNE	NNE	NNE	NNW	NW	NW
14	N	NNE	N	N	N	NNE	N	NNE	NNW	NNW	ENE	NNW
15	N	NE	N	N	N	NNE	NNE	NNE	NE	NE	NNW	NW
16	N	N	N	NNE	NNE	NE	E	ENE	ENE	ENE	NNW	NNW
17	N	NNE	NNE	NNE	NNE	ENE	E	ENE	ENE	NE	NW	WNW
18	N	N	N	NNE	NNE	NNE	ENE	NE	NE	NE	NE	NNE
19	N	NE	NE	NE	NE	E	ENE	ENE	ENE	ENE	ENE	ENE
20	N	N	NE	NE	N	NNE	NE	N	ENE	ENE	NNW	NNW
21	N	N	NE	NE	NNE	N	N	N	N	ENE	ENE	WNW
22	N	N	ENE	NNE	NNE	N	NNE	NNE	ENE	ENE	ENE	ENE
23	N	N	N	NNE	NNE	NNE	NNE	NNE	NE	NE	NE	NE
24	N	N	N	NE	ENE	ENE	ENE	NNE	ENE	ENE	ENE	ENE
25	N	NNE	E	ENE	NE	NNE	NE	NNE	NE	NE	NE	NE
26	NNE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	E	ESE	ESE
27	N	N	NE	NNE	NE	ENE	ENE	ENE	ENE	NE	NE	NE
28	ENE	ENE	NE	NNE	NE	ENE	ENE	ENE	E	E	ENE	ENE
29	NNE	NNE	NE	NE	NE	ENE	NE	NE	NE	NE	NE	NE
30	NNE	ENE	NE	NE	NE	NE	NE	ENE	NE	NE	NNE	NNE
31	N	N	N	N	ENE	NE	NE	NE	NE	NE	NNW	NNW
Mean direction.	NNE	NNE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

NOVEMBER.

Hours.												Mean, direction.	Date.
12—13	13—14	14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		
W	W	W	WNW	NW	NW	NNW	N	N	N	ENE	ENE	N	1
W	WNW	WNW	WNW	NW	NW	NW	NNW	NNW	N	NE	ESE	NNW	2
W	W	WSW	W	W	WNW	NW	NNW	N	NNE	NNE	NE	NNE	3
E	NE	WNW	NW	NW	NNW	NNW	NNW	NNW	N	N	ENE	NNE	4
NE	NE	NE	NW	NW	NW	NNW	NNW	NNW	NNW	N	NNE	NNE	5
WNW	WNW	WNW	NW	NNW	NNW	NNW	NNW	NNW	N	NNE	N	NNE	6
NE	NE	NE	NW	NNW	NNW	NNW	NNW	NNW	N	NNE	NNE	NNE	7
WNW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	NNW	8
E	SE	WSW	W	WNW	NW	NNW	NW	N	SE	SE	SE	NNE	9
WSW	W	W	W	W	W	W	NNW	N	N	N	N	E	10
W	WNW	WNW	WNW	WNW	NW	NNW	NNW	N	N	NNW	NNW	NNW	11
NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	NE	NNW	12
NW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	NNW	13
NW	NW	NW	NW	NW	NW	NW	NW	NNW	N	N	NNE	NNW	14
WNW	WNW	WNW	WNW	NW	NW	NNW	NNW	N	N	N	ESE	NNW	15
WNW	WNW	WNW	NW	NW	NNW	NNW	N	N	N	N	N	NNW	16
WNW	WNW	NW	NW	NW	NNW	NW	NNW	NNW	NNW	NNW	NNW	N	17
NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	18
NE	NE	NW	NW	NNW	NNW	NNW	NNW	N	N	N	N	NNE	19
WNW	WNW	NW	NW	NW	NNW	NNW	NNW	N	N	N	N	N	20
NE	W	W	NW	NW	NW	NNW	NNW	N	N	N	N	NNE	21
E	ENE	WNW	NW	NNW	NNW	NNW	NNW	N	N	N	N	NNE	22
WNW	WNW	WNW	NW	NW	NNW	NNW	NNW	N	N	NE	ENE	N	23
NW	NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	N	NNE	NNW	24
WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NW	NNW	N	NNW	25
WNW	WNW	WNW	W	W	WNW	WNW	NW	NNW	N	N	N	N	26
WNW	WNW	WNW	NW	NW	NW	NNW	NNW	NNW	NNW	N	N	NNW	27
WNW	NW	NW	NW	NW	NW	NNW	NNW	NNW	N	N	NNE	NNW	28
WNW	WNW	WNW	WNW	NW	NNW	NNW	NNW	N	N	NE	ENE	NNW	29
WNW	WNW	WNW	WNW	WNW	NW	NNW	NNW	N	N	NE	NE	NNE	30
NW	NW	WNW	NW	NW	NW	NNW	NNW	NNW	N	N	NNE	N	Mean direction.

DECEMBER.

ENE	WNW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNE	N	NNE	N	1
ENE	WNW	WNW	NW	NW	NNW	NNW	NNW	NNW	N	NNE	NE	N	2
WNW	W	W	WNW	WNW	NW	NW	NNW	NNW	N	N	NE	NNE	3
W	W	WNW	WNW	WNW	WNW	WNW	NNW	NNW	NNE	NNE	NE	N	4
WNW	NW	NW	NW	NW	NW	NW	NNW	N	N	N	N	NNE	5
E	W	W	W	W	W	WNW	WNW	N	ESE	ESE	ESE	NNE	6
NNW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	7
WNW	NW	NW	NW	NW	NNW	NNW	NNW	N	N	NE	NE	N	8
NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	NNW	9
NW	NW	NW	NW	NNW	NNW	NNW	NNW	N	NNW	NNW	N	NNW	10
WNW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	N	N	N	NNW	11
NNW	NNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	NNW	12
NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNW	NNW	NNW	13
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	WNW	NNE	N	NNE	NNW	14
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	15
NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNW	16
WNW	NW	NW	NW	NNW	NNW	NNW	NNW	N	N	N	N	NNW	17
NNE	WNW	NW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	18
NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	NNE	19
NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	NNW	20
WNW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	NNW	NNW	21
N	WNW	WNW	NW	NW	NNW	NNW	NNW	N	NNE	NNE	NNE	N	22
ENE	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	23
ENE	NW	NW	NNW	NNW	NNW	NNW	N	N	N	N	N	N	24
NE	NE	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNE	NNE	N	25
ESE	E	NW	NW	NW	NNW	NNW	NNW	NNW	N	N	N	NE	26
NE	NE	WNW	WNW	WNW	NW	NNW	NNW	NNW	NNE	NE	NE	NNE	27
E	W	WNW	WNW	WNW	NNW	NNW	NNW	NNW	NNW	ENE	ENE	NNE	28
NNE	NNE	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNE	NNE	NNE	29
NNE	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	30
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	31
NNW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	NNE	N	Mean direction.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JANUARY. (IN DEGREES FAHRENHEIT.)

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	76·1	76·2	76·3	75·8	75·4	74·8	74·5	75·3	76·3	78·0	79·9	81·8	82·5	82·4	82·0
2	75·9	75·9	75·6	75·5	74·9	74·7	74·6	75·0	76·1	77·0	77·5	77·9	78·6	79·2	79·5
3	74·0	72·9	73·3	73·2	73·2	73·2	73·5	73·7	74·0	73·8	74·8	76·3	77·3	78·3	78·5
4	73·5	73·5	73·0	73·1	73·4	73·1	72·9	73·2	73·9	74·9	76·3	77·5	78·2	78·8	79·2
5	72·9	72·7	72·3	71·6	71·6	71·1	70·5	70·8	72·1	73·4	75·2	77·3	78·4	79·2	79·1
6	70·8	69·9	68·9	68·2	68·5	69·8	68·3	68·3	70·8	72·5	75·5	76·6	77·5	78·6	79·3
7	70·3	69·8	68·4	68·7	68·3	67·4	66·7	67·0	69·3	73·2	76·5	77·6	79·0	79·5	79·0
8	69·6	68·5	67·8	67·6	67·0	66·4	66·5	66·8	68·9	71·6	73·8	75·2	77·2	77·9	78·0
9	69·1	68·7	66·9	65·8	64·9	64·3	64·1	64·3	67·2	70·5	73·1	75·1	76·1	76·1	76·1
10	67·5	67·5	66·5	66·2	67·2	67·4	67·6	68·6	69·9	71·8	74·6	77·1	79·4	79·8	79·6
11	70·6	70·6	70·6	70·4	69·7	69·5	69·5	70·4	72·1	74·1	77·1	79·8	81·5	83·5	83·1
12	72·4	72·3	71·4	71·0	71·6	71·6	71·6	71·9	73·4	74·8	77·0	78·0	79·0	79·5	80·4
13	73·6	73·4	73·2	72·1	70·6	70·4	68·9	69·4	72·0	74·9	76·7	78·4	79·8	80·2	80·6
14	72·4	71·6	70·8	70·1	69·4	68·6	68·4	69·6	72·4	74·6	77·4	80·2	81·6	81·6	80·8
15	76·4	75·9	75·6	75·4	75·2	75·2	75·3	74·9	76·2	77·8	80·5	82·2	82·3	83·5	83·4
16	75·7	75·6	74·9	74·8	74·5	73·7	73·3	74·6	76·3	77·7	78·6	79·7	80·6	81·1	80·0
17	74·5	74·1	75·6	75·5	74·8	74·1	73·1	72·8	74·9	77·2	79·0	80·2	80·8	80·6	80·0
18	73·5	72·7	72·8	72·8	72·8	72·1	71·0	70·8	73·0	74·9	77·0	78·3	78·4	78·2	78·4
19	71·9	71·2	70·5	70·3	69·7	69·3	68·1	67·8	70·3	72·8	74·9	76·7	77·6	78·0	77·6
20	69·8	68·8	67·9	67·6	67·3	66·6	66·5	68·2	70·1	72·2	74·2	75·5	77·9	78·1	78·2
21	70·1	68·9	68·6	67·9	67·3	66·8	66·1	66·3	70·0	72·6	74·4	76·0	77·7	78·5	78·8
22	70·6	69·8	69·6	69·2	69·0	69·0	69·6	70·6	72·5	75·0	78·7	81·6	85·1	87·1	86·9
23	72·8	73·0	72·9	72·7	71·3	70·5	70·0	70·9	72·8	74·0	76·6	78·1	79·5	79·8	80·2
24	71·4	71·5	71·4	70·9	71·1	70·0	68·5	68·8	71·7	73·8	76·5	79·0	79·4	80·1	81·0
25	71·6	71·2	70·4	69·6	68·8	68·9	67·7	70·1	71·7	73·5	75·7	77·1	78·8	80·3	81·3
26	74·0	73·1	73·3	72·7	72·6	72·3	71·4	72·0	74·6	77·4	81·6	84·0	85·6	85·9	87·0
27	77·3	76·8	76·8	76·7	76·7	76·2	76·1	76·9	78·2	79·9	83·1	84·9	87·2	86·2	85·3
28	77·2	77·1	76·9	76·9	76·7	76·7	76·7	77·0	78·2	80·2	82·4	84·5	86·0	86·2	85·7
29	77·6	77·4	77·4	76·9	76·6	75·4	73·4	73·1	73·4	73·6	73·6	75·2	77·0	77·4	77·6
30	72·3	72·1	72·5	72·4	72·4	72·2	71·7	72·2	74·0	75·3	76·6	77·9	78·8	79·3	79·6
31	72·4	71·3	71·3	71·3	70·7	70·5	70·4	71·3	73·0	74·5	76·0	77·4	78·6	79·2	79·3
Mean	72·8	72·4	72·0	71·7	71·4	71·0	70·5	71·1	72·9	74·8	76·9	78·6	79·9	80·5	80·5
Variation	−2·3	−2·7	−3·1	−3·4	−3·7	−4·1	−4·6	−4·0	−2·2	−0.3	+1·8	+3·5	+4·8	+5·4	+5.4

FEBRUARY.

1	71·9	71·0	70·7	70·6	70·6	70·3	70·0	70·1	71·7	73·3	76·9	78·5	80·1	80·9	80·6
2	72·1	72·7	70·5	70·4	70·1	69.9	69·4	69·8	72·1	74·4	77·1	78·6	78·4	*	*
3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	*	*	*	*	*	*	*	*	*	*	*	*	*	80·0	80·1
5	72·4	71·7	70·9	69·8	70·9	72·4	71·3	71·3	73·2	75·1	76·3	77·0	79·1	80·5	80·4
6	73·6	73·4	72·9	73·8	74·0	73·0	72·2	72·8	74·8	75·9	77·7	79·1	79·7	80·0	79·1
7	74·1	73·6	73·3	73·3	72·9	72·8	72·4	72·8	74·8	77·0	78·7	80·8	80·6	81·3	81·1
8	73·3	72·5	71·9	71·4	70·6	70·9	70·5	71·4	74·3	75·7	77·4	78·1	79·0	80·1	80·6
9	72·8	72·6	72·7	73·0	72·9	72·1	71·3	71·3	74·0	75·8	77·8	79·1	80·2	81·0	81·6
10	73·4	73·0	72·6	72·6	73·0	72·4	72·1	72·4	74·8	77·0	79·1	80·1	81·3	80·6	80·1
11	75·5	75·9	75·7	74·4	73·5	73·5	73·4	72·8	76·8	78·4	81·1	81·9	82·2	83·3	83·2
12	76·8	76·6	76·2	76·2	75·0	74·4	74·3	75·0	76·6	78·1	80·0	81·2	82·5	82·6	82·6
13	74·9	74·5	74·6	73·8	73·3	73·4	73·5	74·3	75·9	77·6	79·5	80·9	82.0	82·5	82·8
14	76·8	76·6	76·0	75·3	74·0	73·4	73·4	74·9	76·9	79·0	81·4	82·1	83·4	84·6	84·0
15	76·4	75·6	74·8	74·4	74·7	75·1	74·3	75·1	77·4	79·1	81·2	83·1	83·9	83·8	84·8
16	76·7	76·0	74·5	74·5	73·8	73·3	72·4	73·6	76·1	77·9	79·1	80·1	81·6	82·0	82·9
17	73·4	73·4	72·6	72·4	73·4	73·5	72·8	72·8	75·2	77·8	79·4	80·5	81·5	82·7	83·2
18	72·4	72·3	73·0	73·2	72·1	70·9	69·5	70·1	73·4	76·0	77·5	78·6	80·3	80·6	81·4
19	71·6	72·6	73·6	72·1	70·6	69·6	69·1	70·8	73·2	75·8	77·9	79·0	80·0	81·4	81·6
20	72·6	71·4	71·3	70·6	70·4	70·8	69·7	70·3	72·9	75·3	77·8	79·1	80·2	82·2	81·9
21	72·7	72·5	72·4	72·4	71·6	71·5	71·4	72·1	74·6	75·9	78·0	79·1	79·8	80·8	81·6
22	74·5	74·5	73·5	73·6	73·5	73·4	73·1	73·7	75·3	77·2	78·8	80·0	80·6	80·8	81·4
23	75·1	75·4	74·5	74·5	74 0	73·3	72·5	73·5	75·4	77·0	79·1	79 9	81·0	82·3	81·8
24	77·8	77·4	76·6	75·9	74·9	74·2	78·5	75·8	79·3	81·5	83·7	85·3	86·1	87·1	87·0
25	79·6	79·5	78·8	78·3	77·8	76·3	75·4	76·4	78·1	80·7	83·6	87·0	88·1	87·3	86·0
26	78·6	78·4	78·1	77·5	76·5	75·9	75·5	75·6	77·4	79·1	81·0	82·1	83·2	84·2	85·1
27	76·5	76·0	75·4	74·5	74·0	73·5	73·5	74·4	77·2	78·3	81·0	81·8	82·8	83·6	83·7
28	77·3	77·3	76 5	76·0	74·8	73·8	74·1	75·2	75·5	80·1	82·5	83·9	84·5	84·5	85·3
Mean	74·8	74.5	74·1	73·8	73.3	72·9	72·5	73·1	75·5	77·4	79·5	80·7	81·7	82·4	82·6
Variation	−2·4	−2·7	−3·1	−3·4	−3·9	−4·3	−4·7	−4·1	−1·7	+0·2	+2·3	+3·5	+4·5	+5·2	+5·4

* Thermograph trace lost as the instrument was under inspection.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JANUARY. (IN DEGREES FAHRENHEIT.)

Hours.									Mean.	Maximum.		Minimum.		Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		Time.	Mag.	Time.	Mag.	
										H. M.		H. M.		
82·2	80·9	79·8	78·9	78·5	77·9	77·2	77·3	76·5	78·2	12 20	83·0	6 0	74·0	1
78·6	76·6	73·9	73·4	73·4	73·4	73·2	73·1	74·0	75·7	14 40	79·8	18 4	72·9	2
78·5	77·4	76·1	75·5	75·5	75·3	74·9	74·0	73·5	75·0	15 20	79·5	1 20	72·7	3
79·2	78·2	76·7	75·8	75·5	75·2	74·8	73·5	72·9	75·3	14 2	79·5	2 50	72.8	4
79·0	77·9	76·4	75·6	75·6	75·2	73·9	72·0	71·3	74·4	13 8	79·5	23 50	71·0	5
79·4	78·9	77·4	76·5	75·8	74·4	73·0	71·6	70·6	73·4	14 20	80·0	3 18	68·1	6
78·5	77·8	76·4	75·5	74·9	73·9	72·7	71·8	71·0	73·1	13 12	80·0	6 59	66·5	7
77·9	76·9	75·4	74·8	74·4	73·8	71·9	70·3	69·5	72·0	14 40	78·2	6 5	66·2	8
76·3	75·6	74·3	73·7	73·3	72·1	71·0	69·6	68·8	**70·7**	15 18	76·5	6 0	**64·0**	9
79·0	77·0	75·9	74·9	74·5	73·8	72·5	71·5	70·7	72·5	13 55	80·0	3 8	66·0	10
82·4	80·9	78·6	77·0	76·3	75·2	73·8	73·4	72·7	75·1	13 12	84·0	6 40	69·4	11
80·0	78·7	77·5	76·6	76·4	75·8	74·9	74·5	74·4	75·2	15 10	80·6	3 24	70·8	12
79·7	77·8	76·9	76·1	75·7	75·3	74·3	73·5	73·1	74·9	14 34	80·8	7 2	68·7	13
80·9	80·3	79·0	77·9	77·1	76·4	76·4	76·9	76·5	75·5	12 50	82·0	6 40	68·3	14
83·2	82·7	80·9	79·3	78·7	78·0	77·3	76·5	76·0	78·4	13 18	83·6	7 48	74·5	15
79·7	79·3	78·0	77·6	77·4	76·8	75·9	74·9	74·8	76·9	12 10	81·8	6 10	73·2	16
79·6	78·9	77·7	77·3	76·8	76·3	75·2	74·4	73·9	76·6	13 3	81·2	7 6	72·5	17
78·6	77·7	76·8	75·7	75·3	74·8	74·5	73·5	72·7	74·8	11 50	78·8	7 4	70·7	18
76·9	76·4	75·8	75·4	74·9	74·2	72·4	71·4	70·6	73·1	13 14	78·5	7 12	67·6	19
78·1	77·4	76·3	75·3	74.9	73·7	73·2	72·8	71·5	72·6	13 0	78·6	6 20	66·0	20
78·5	77·4	76·2	75·3	74·8	74·3	73·3	71·8	71·1	72·7	14 10	78·9	6 56	66·0	21
85·5	81·6	78·5	76·8	75·9	75·1	74·1	73·3	72·9	75.7	13 30	87·6	4 22	68·9	22
79·7	78·6	77·1	76·3	75·8	75·3	74·0	72·3	71·5	74·8	13 4	80·5	6 30	70·0	23
79·8	78·7	77·4	76·6	76·3	75·8	74·7	73·5	72·4	74·6	14 28	81·3	6 48	68·4	24
81·6	80·9	79·0	77·1	76·5	75·5	74·7	74·6	74·4	74·6	12 50	81·8	6 40	67·6	25
86·1	83·5	81·2	79·8	78·6	78·6	78·3	77·6	77·7	78·3	14 44	87·5	7 6	71·3	26
84·1	82·6	81·1	80·2	79·6	79·2	78·8	77·9	77·5	**80·0**	13 0	**88·0**	6 10	76·0	27
84·2	82·7	80·9	79·6	79·1	78·7	78·7	78·1	77·7	79·9	13 50	86·5	5 2	76·5	28
76·6	76·3	75·0	72·0	71·9	72·3	72·2	72·4	72·5	74·9	14 10	77·8	19 10	71·8	29
78·7	77·6	76·5	75·6	75·2	74·7	74·6	74·4	73·9	75·0	14 20	79·8	6 30	71·6	30
79·2	78·8	77·3	75·7	75·0	73·9	73·6	73·6	72·8	74·5	13 4	79·5	7 10	70·3	31
80·1	78·9	77·4	76·4	75·9	75·3	74·5	73·7	73·2	75·1					Mean . .
+5·0	+3·8	+2·3	+1·3	+0·8	+0·2	−0·6	−1·4	−1·9						Variation .

FEBRUARY.

80·1	78·1	77·0	75·5	74·8	73·9	73·9	73·1	72·6	**74·4**	13 40	81·0	6 0	70·0	1
*	*	*	*	*	*	*	*	*	*	..	81·1†	..	69·3†	2
*	*	*	*	*	*	*	*	*	*	..	..	..	68·5†	3
79·8	78·0	77·4	76·0	75·5	75·4	74·8	73·2	72·1	*	..	81·9†	..	69·9†	4
80·1	78·2	77·0	76·3	76·1	75·7	75·2	74·2	74·5	75·0	13 50	80·6	3 54	69·7	5
79·4	79·4	78·8	77·9	77·4	76·9	76·5	75·4	75·1	76·2	12 52	80·2	6 50	72·1	6
81·2	80·8	79·5	78·0	77·1	76·2	75·8	75·0	74·0	76·5	11 40	81·6	6 10	72·3	7
79·9	80·1	78·1	76·9	76·5	76·3	75·8	74·7	73·7	75·4	14 20	81·0	7 5	70·4	8
81·2	82·2	78·9	77·5	76·9	76·0	75·0	74·2	73·8	75·9	14 0	81·8	7 10	71·0	9
79·8	79·0	77·4	76·5	76·7	76·9	76·5	75·6	75·3	76·2	13 14	81·5	6 40	72·0	10
81·9	81·0	79·6	78·7	78·3	78·1	77·5	77·6	77·4	78·0	13 40	83·5	7 30	72·6	11
82·5	81·9	80·3	78·5	77·6	76·8	77·0	76·6	75·8	78·1	12 16	82·8	6 0	74·0	12
81·8	80·8	78·9	78·5	77·7	77·0	76·7	76·9	76·8	77·4	13 0	83·1	6 40	73·2	13
82·3	81·6	80·3	79·2	78·6	78·0	77·1	77·3	77·4	78·5	12 55	84·9	5 50	73·3	14
85·4	84·4	81·9	80·0	78·6	78·3	76·9	76·5	76·7	78·9	14 30	85·5	6 10	74·2	15
81·9	81·1	79·3	78·4	77·7	77·1	76·0	74·6	73·8	77·3	14 10	83·0	6 54	72·3	16
83·0	81·2	79·5	78·4	77·6	77·2	76·1	74·8	73·4	76·9	14 30	83·4	3 32	72·2	17
81·5	79·7	78·6	77·0	76·0	74·7	73·4	73·1	72·3	75·3	15 50	82·0	6 8	69·4	18
81·4	80·1	78·2	77·4	76·9	76·3	75·1	73·6	72·4	75·4	13 55	81·8	6 55	**69·0**	19
81·8	80·9	79·0	77·5	76·5	75·9	75·4	74·0	73·4	75·5	13 10	82·4	6 58	69·6	20
81·5	80·6	78·3	77·1	76·5	75·8	75·1	74·5	74·5	75·8	14 26	81·8	6 30	71·3	21
80·6	79·8	78·6	77.5	77·3	76·9	76·6	76·3	75·5	76·8	14 20	81·6	5 2	73·0	22
80·8	80·6	80·1	80·0	80·4	79·4	78·9	78·2	78·0	77·7	13 30	82·5	6 30	72·4	23
86·2	84·7	83·0	82·1	81·5	81·5	80·9	80·0	79·5	80·7	13 10	87·2	6 0	74·1	24
85.6	84·6	83·5	81.8	80·1	79·6	80·3	80·0	79·4	**81·2**	12 10	**88·3**	6 10	75·3	25
84·4	83·2	81·7	80.1	79·1	78·5	78·0	77·3	77·4	79·5	14 30	85·2	6 40	75·4	26
83·7	82·3	81·0	79.6	79·0	78·5	77·6	76·5	76·8	78·4	13 50	83·8	6 0	73·2	27
84·5	83·2	81·9	80.5	79·8	79·5	79·0	77·8	77·9	79·5	14 20	86·1	6 10	73·7	28
82·1	81·1	79·6	78·4	77·8	77·2	76·7	75·9	75·5	‡77·2					Mean . .
+4·9	+3·9	+2·4	+1·2	+0·6	0·0	−0·5	−1·3	−1·7						Variation.

* Thermograph trace lost as the instrument was under inspection.

† Readings of thermometers in thatched shed.

‡ Mean of 25 days.

(Averages for periods of sixty minutes from full hour to full hour of local meantime.)

MARCH. (IN DEGREES FAHRENHEIT.)

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	78·5	77·9	76·7	75·4	74·7	75·0	75·5	76·5	79·0	80·1	82·3	82·8	83·5	84·7	85·6
2	76·6	76·1	75·3	75·8	75·0	74·6	74·4	74·9	78·2	80·1	81·0	82·3	83·5	84·2	84·1
3	77·4	76·5	75·4	74·7	75·3	74·2	73·6	75·4	77·9	79·5	81·6	82·8	83·3	83·8	84·0
4	75·7	75·1	74·8	74·7	74·6	74·4	74·3	75·5	76·1	78·2	80·4	81·4	82·7	82·7	82·5
5	75·0	74·7	75·0	74·9	74·7	74·5	73·9	75·2	77·5	79·5	81·3	82·2	82·9	83·9	83·8
6	76·6	76·7	76·9	76·4	75·7	75·2	74·4	75·8	77·7	79·9	81·7	82·4	83·3	83·6	83·5
7	76·7	76·6	76·6	76·6	76·5	76·7	76·8	77·6	78·2	79·6	81·3	82·9	81·8	83·0	83·4
8	76·9	76·5	75·9	75·9	75·8	75·0	74·4	75·6	77·6	78·9	79·5	80·1	81·5	81·9	82·8
9	74·4	73·8	73·7	73·0	72·6	72·7	72·8	74·3	77·0	78·2	80·2	82·1	83·2	84·6	84·7
10	75·3	74·8	74·5	73·8	73·4	72·9	73·0	75·3	77·5	79·1	81·3	82·4	83·8	83·9	83·9
11	75·4	75·0	74·4	74·3	74·2	74·0	74·1	76·2	78·5	80·1	81·4	82·3	82·7	83·0	83·3
12	77·2	77·0	76·8	76·1	75·2	74·6	74·7	76·5	78·6	79·8	81·1	82·5	83·1	83·5	84·3
13	78·3	78·3	78·5	78·5	78·5	77·2	76·7	78·5	79·9	81·1	81·6	82·7	84·1	85·1	85·3
14	77·8	77·5	77·3	76·9	76·7	76·5	76·4	77·5	79·4	80·6	81·7	83·3	83·4	84·5	84·9
15	76·8	76·7	76·6	76·6	76·6	76·5	75·7	76·4	77·7	79·3	80·5	81·8	82·5	82·9	82·7
16	74·4	73·4	72·7	72·2	72·0	71·7	72·3	73·9	76·0	77·3	78·8	80·4	81·3	82·4	83·0
17	76·0	75·5	75·4	75·0	74·4	73·7	73·1	75·0	77·5	78·8	79·7	80·6	81·7	82·3	82·2
18	75·2	75·4	76·0	76·0	75·4	75·6	75·6	76·0	78·0	79·2	81·3	82·4	83·6	84·0	84·5
19	78·3	77·0	77·5	77·5	77·3	77·5	77·6	78·4	79·9	81·2	82·0	82·4	83·1	83·3	83.2
20	75·6	75·8	75·8	75·7	75·7	75·7	75·1	76·4	78·2	79·1	81·1	81·5	82·5	81·7	81·5
21	77·2	76·8	75·2	74·7	74·4	74·0	74·4	76·3	78·4	80·1	81·3	82·2	84·1	84·6	84·2
22	76·0	76·8	77·5	77·0	76·5	76·3	76·6	77·3	78·2	81·0	82·6	83·6	84·8	85·3	84·6
23	79·2	78·8	78·2	77·1	76·9	76·6	75·9	75·7	78·2	80·1	83·4	84·1	83·6	83·7	83·7
24	78·1	77·9	76·6	76·2	75·7	75·1	74·5	76·6	80·5	82·4	84·0	84·1	84·3	84·6	84·1
25	79·0	78·4	77·4	77·2	75·9	75·4	75·2	76·7	79·4	82·2	83·2	84·1	84·9	85·2	85·1
26	77·7	77·5	77·1	76·5	76·0	75·4	74·7	76·4	79·6	81·7	83·7	84·9	86·1	86·5	86·5
27	77·7	77·2	76·2	75·7	75·7	75·6	75·7	77·9	79·9	81·2	82·7	84·1	85·2	86·2	86·5
28	77·1	77·0	76·9	76·5	75·9	75·8	75·9	77·5	79·6	80·9	82·3	84·1	84·4	84·4	84·4
29	76·6	76·5	76·4	75·7	75·0	75·0	75·2	77·0	78·9	81·0	82·5	83·2	83·9	84·9	84·9
30	78·5	77·8	78·0	77·9	77·1	76·0	75·6	77·6	80·1	81·5	82·4	83·7	84·5	84·8	85·6
31	76·5	76·4	75·7	75·5	75·5	75·1	75·2	77·3	79·5	81·1	83·1	84·4	85·3	85·0	85·5
Mean .	76·8	76·5	76·2	75·8	75·4	75.1	74·9	76·4	78·5	80·1	81·6	82·7	83·5	84·0	84·1
Variation .	—2·4	—2·7	—3·0	—3·4	—3·8	—4·1	—4·3	—2·8	—0·7	+0·9	+2·4	+3·5	+4·3	+4·8	+4·9

APRIL.

1	78·1	77·9	77·4	77·0	76·4	75·8	75·9	77·4	79·9	81·1	81·8	82·7	83·7	84·3	84·9
2	77·4	77·1	76·7	76·5	76·3	75·8	75·8	77·0	78·9	79·9	81·0	81·8	82·5	83·5	84·1
3	76·3	75·9	75·5	75·2	74·7	74·6	75·6	76·9	78·4	80·1	81·7	83·0	83·9	83·7	84·1
4	78·2	77·8	77·5	77·5	77·7	77·4	77·9	78·9	80·9	82·2	83·1	83·7	84·1	84·4	85·5
5	77·2	76·8	75·9	75·5	75·3	74·9	75·3	76·4	78·1	79·7	81·8	82·9	83·6	84·2	84·2
6	75·8	75·6	75·9	76·2	75·9	74·9	75·5	77·5	79·6	81·1	82·1	83·1	83·8	84·4	84.9
7	75·8	75·6	75·4	75·2	74·8	74·5	75·4	77·2	78·7	80·0	80·8	82·5	83·7	84·4	84·5
8	76·4	75·5	74·8	74·5	74·3	74·4	75·2	77·1	79·1	80·7	81·7	82·9	84·1	84·7	84·8
9	76·9	76·7	76·5	76·4	75·6	75·2	76·4	78·3	80·0	80·9	81·6	82·5	83·4	84·1	84·7
10	77·5	77·6	77·4	76·9	76·7	77·2	77·3	79·0	81·0	82·0	83·2	84·2	84·6	84·7	84·8
11	79·0	78·7	78·2	77·9	77·8	77·6	77·9	79·3	80·9	82·8	83·3	84·1	84·9	85·1	85 3
12	79·2	79·1	78·8	78·7	78·5	78·5	78·8	80·5	82·1	83·3	84·4	85.5	85·7	86·2	86·7
13	79·7	79·6	79·8	79·5	79·2	78·9	79·2	80·6	81·7	83·7	85·6	86·0	86·3	86·5	86·1
14	79·8	79·5	79·5	79·4	79·1	78·9	79·3	80·9	82·9	83·8	84·9	85·9	86·6	87·0	87·2
15	78·8	76·8	75·9	75·5	75.4	75·3	76·2	78·0	79·9	81·5	82·1	83·8	84·9	85·3	84·6
16	77·4	77.2	77·1	76·0	76·6	76·4	76·4	78·1	80·5	81·8	83·4	84·6	85·3	85·0	85·1
17	78·4	78·3	78·3	78.3	78·2	77·6	77·7	79·3	80·7	82·1	83·4	84·2	85·0	85·5	86·2
18	78·4	78.3	78·2	77·9	77·9	77·6	78·1	79·8	81·7	82·7	83·4	84·2	84·9	85·2	85·4
19	77·6	77·9	77·2	77·0	77·0	77·1	77·2	78·1	80·4	81·3	82·3	82·9	83·6	83·8	84·2
20	78·1	78·0	77·9	77·8	77·7	77·9	78·1	79·6	81·4	82·9	84·5	85·5	85·9	85·7	85·5
21	78·3	78·2	77·8	77·5	77.2	76·9	77·1	79·0	80·7	81·7	82·7	83·7	83·8	83 5	83·6
22	76·3	76·2	75·8	75·6	75·5	75·7	75·1	76·5	79·0	81·0	82·4	83·1	84·9	85·2	84·7
23	77·8	77·5	77·4	76·9	76·2	76·2	76·4	78·1	80·5	81·8	83·4	84·5	84·9	85·7	86·7
24	78·5	77·9	77·3	76·3	75·9	75·8	76·6	78·6	80·3	82·0	83·8	84·9	86·4	87·8	87·2
25	77·6	77·3	77·8	77·8	77·1	76·6	76·9	79·5	82·0	83·7	85·3	86·6	87.8	88·1	88·5
26	80·5	80·5	80·4	80·4	80·0	78·2	78·4	80·9	82·9	86·1	87·5	88·2	88·3	88·7	88·8
27	81·1	80·3	79·2	78·2	77·3	76·7	78·4	80·9	83·4	84·0	86·6	87·5	88·8	89·0	88·2
28	79·6	80·3	79·9	79·6	79·2	79·4	80·0	81·9	83·3	84·2	85·4	86·4	86·8	87·6	88·6
29	79·5	79·3	78·7	79·4	79·4	78·9	79·4	81·0	82·3	83·3	84·3	85·3	86·4	86·4	86.8
30	80·2	79·6	78·6	78·5	78·5	77·7	78·4	80·5	82·3	83·6	84·7	85·9	86·9	87·7	86·6
Mean .	78·2	77·9	77·6	77·3	77·0	76·8	77·2	78·9	80·8	82·2	83.4	84·4	85·2	85·6	85·7
Variation .	—2·6	—2·9	—3·2	—3·5	—3·8	—4.6	—3·6	—1·9	0·0	+1·4	+2·6	+3·6	+4·4	+4·8	+4·9

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MARCH. (IN DEGREES FAHRENHEIT.)

Hours. 15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.	Maximum. Time.	Maximum. Mag.	Minimum. Time.	Minimum. Mag.	Date.
										H. M.		H. M.		
86·1	84·4	82·4	80·7	80·1	79·5	79.4	78·7	77·7	79.9	14 40	86·2	5 30	74.6	1
81·5	84·2	82·4	80·3	79·5	78·6	77·8	78·3	77·9	79·1	14 10	84·8	6 40	74·3	2
83·6	82·8	81·5	79·7	78·9	78·4	78·0	77·6	77·1	78·9	14 2	84·2	5 15	73·4	3
81·9	81 7	80·3	78·7	78·4	77·9	77·5	76·6	75·6	78·0	13 30	83·0	6 30	74·2	4
82·7	82·0	80·9	79·5	78·7	78·4	78·1	77·7	77·3	78·5	13 0	84·0	6 50	73·8	5
82·9	82·9	81·3	79·7	79·1	78·4	77·8	77·4	77·1	79·0	13 0	83·8	6 40	74·3	6
82·6	81·9	80·0	78·6	78·0	77·9	77·9	77·6	77·5	79·0	14 40	83·6	4 0	76·4	7
82·8	81·5	80·0	78·0	77·2	76·5	76·3	75·8	75·0	78·0	14 10	83·0	6 0	74·3	8
83·8	82·8	81·2	79·5	79·1	78·5	77·6	76·7	75·8	78·0	14 30	84·9	4 50	72·4	9
83·6	82·3	80·9	79·3	79·0	78·5	77·8	76·4	75·7	78·3	13 4	84·0	5 56	72·8	10
82·6	82·0	80·5	78·7	78·5	78·4	78·2	77·3	77·4	78·4	12 10	83·5	6 12	73·9	11
84·1	82·5	80·7	79·6	79·3	78·7	78·6	78·3	78·3	79·2	13 32	84·5	4 0	75·0	12
84·8	83·4	81·7	79·7	79·1	78·7	78·5	78·3	78·4	80·3	12 0	85·5	3 50	76·6	13
84·9	83·3	81·5	79·5	78·8	78·1	77·7	77·5	77·4	79·7	14 10	85·1	6 4	76·3	14
82·1	81·1	79·5	77·6	77·1	76·6	76·3	75·3	75·4	78·3	13 30	83·0	23 58	75·3	15
83·1	82·2	80·0	78·0	77·1	76·7	76·5	76·2	76·2	78·0	15 20	83·3	6 0	71·6	16
82·0	81·4	79·5	77·6	76·9	76·5	75·9	75·6	75·3	77·6	13 40	82·5	6 40	73·0	17
84·3	83·4	82·1	80·6	80·3	79·8	79·5	79·1	78·8	79·4	13 12	84·6	23 54	75·1	18
82·5	81·1	79·8	78·2	77·6	77·4	76·6	75·9	75·7	79·2	14 30	83·6	23 58	75·6	19
81·3	80·2	79·5	79·5	79·5	79·5	79·2	78·1	77·8	78·6	12 10	82·8	6 10	74·9	20
83·6	82·2	80·7	78·7	78·6	78·6	78·1	77·9	76·7	78·9	13 50	84·8	6 0	73·9	21
83·1	82·4	82·3	81·7	81·5	81·3	80·3	79·1	78·5	80·2	13 30	85·6	0 50	75·9	22
83·8	83·4	82·9	82·0	81·6	81·3	80·4	78·1	76·8	80·2	11 4	83·9	7 20	75·2	23
83·7	82·9	82·0	81·1	80·8	81·2	80·6	80·0	79·5	80·3	13 25	84·7	6 40	74·3	24
84·5	84·5	82·9	81·0	80·4	79·5	79·3	78·8	78·3	80·4	12 30	85·8	6 20	75·0	25
86·3	85·5	83·5	81·9	81·3	80·6	80·2	79·6	78·9	80·8	14 42	86·8	6 20	74·5	26
86·1	84·9	83·1	80·7	79·7	79·1	78·6	77·6	76·8	80·2	14 10	86·6	6 10	75·5	27
83·7	82·6	81·1	79·8	78·7	78·6	77·8	77·4	77·0	79·6	12 4	84·6	4 40	75·6	28
84·5	83·0	81·3	80·1	79·6	79·5	79·5	79·5	79·0	79·7	13 10	85·0	4 10	74·8	29
83·8	82·5	80·0	79·6	79·4	78·5	77·5	76·7	76·6	79·9	14 12	85·8	6 2	75·4	30
84·8	84·2	83·0	81·0	80·3	79·6	79·1	78·7	78·4	80·0	12 40	85·8	4 18	75·0	31
83·7	82·7	81·3	79·7	79·2	78·7	78·3	77·7	77·2	79·2					Mean.
+4·5	+3·5	+2·1	+0·5	0·0	—0·5	—0·9	—1·5	—2·0						Variation.

APRIL.

84.9	84·4	82·5	80·5	79·4	78·7	78·2	77·9	77·8	79·9	13 4	85·3	6 12	75·6	1
83.5	82·1	80·5	78·8	78·2	77·7	77·5	77·3	77·1	79·0	14 10	84·3	6 2	75·5	2
83.4	83·3	82·0	79·8	79·1	78·7	78·5	78·3	78·3	79·2	14 14	86·2	5 16	74·5	3
83.3	82·3	81·2	79·6	78·9	78·4	78·2	77·9	77·5	80·2	14 30	85·7	3 10	77·3	4
83.4	82·2	80·5	78·9	78·2	77·8	77·6	77·0	76·2	78·9	14 28	84·5	5 55	74·5	5
84.3	83·4	81·9	79·9	79·1	78·4	78·0	77·0	76·3	79·4	14 30	85·0	5 30	74·8	6
84.0	83·4	81·4	79·2	78·5	78·1	77·8	77·5	76·9	79·0	13 20	84·7	6 0	74·3	7
83.5	82·7	80·6	79·1	78·6	78·3	77·9	77·6	77·3	79·0	14 10	85·6	4 42	74·2	8
84.5	83·6	82·7	80·6	79·4	78·8	78·5	78·2	77·7	79·7	13 42	84·9	6 8	75·0	9
84.7	83·9	82·5	80·8	80·2	79·7	79·6	79·4	79·3	80·6	14 10	85·2	4 10	76·5	10
85.2	84·7	83·4	81·7	81·0	80·6	80·2	79·9	79·5	81·2	13 30	85·5	5 52	77·4	11
85.8	85·1	84·0	82·3	81·5	81·0	80·5	80·1	79·8	81·9	14 30	87·0	4 48	78·3	12
85.8	85·0	83·8	82·4	81·7	81·2	81·0	80·7	80·5	82·3	13 2	87·0	6 4	78·6	13
86.7	84·9	82·6	80·8	80·0	79·4	79·0	78·7	78·3	81·9	14 30	87·4	23 58	78·1	14
84.5	83·2	81·4	79·7	79·4	79·4	79·1	78·9	77·8	79·9	13 17	86·0	4 10	75·1	15
84.7	83·3	82·1	80·6	80·0	79·6	79·4	78·9	78·7	80·4	12 10	85·7	6 10	76·2	16
85.9	84·8	83·3	81·2	80·5	79·8	79·5	79·2	78·7	81·1	14 10	86·5	6 8	77·4	17
85.0	84·3	82·6	81·0	80·2	79·6	79·3	78·7	78·4	80·9	14 10	85·5	6 10	77·5	18
83.9	83·2	82·0	80·4	79·6	79·2	78·6	78·3	78·4	80·1	14 20	84·5	3 56	76·9	19
84.4	83·6	82·0	80·1	79·4	79·0	78·6	78·4	78·4	80·9	12 10	86·5	4 52	77·6	20
83.3	82·3	81·0	79·0	77·9	77·3	76·9	76·7	76·5	79·7	14 0	84·0	23 50	76·4	21
83.9	82·6	81·2	79·7	79·3	78·8	78·3	78·0	78·2	79·5	14 2	85·4	6 30	75·0	22
86.6	85·4	83·9	82·1	81·5	80·8	79·9	78·7	78·6	80·9	13 20	86·9	6 14	76·0	23
86.3	85·5	83·4	81·4	80·8	80·6	80·0	79·4	78·4	81·0	13 50	88·1	5 20	75·6	24
88.3	86·6	85·7	84·3	83·5	82·4	81·0	81·1	80·5	82·3	14 23	89·0	5 56	76·4	25
88.0	87·2	85·6	84·0	83·1	81·7	80·7	80·4	81·0	83·4	12 4	89·3	6 12	78·0	26
87.7	87·3	85·5	83·5	82·5	81·8	81·7	80·7	80·5	83·0	13 56	89·4	5 40	76·5	27
88.8	87·5	86·1	84·6	82·6	82·0	81·5	80·9	80·4	82·2	15 10	89·2	4 30	79·0	28
86.7	85·9	84·5	82·8	81·9	81·5	81·2	80·8	80·4	82·3	13 34	86·9	2 28	78·6	29
85.8	84·8	83·5	82·0	81·9	81·4	81·2	80·8	80·7	82·2	13 28	88·0	6 4	77·2	30
85·2	84·3	82·8	81·0	80·3	79·7	79·3	78·9	78.6	80·0					Mean.
+4·4	+3·5	+2·0	+0·2	—0·5	—1·1	—1·5	—1·9	—2·2						Variation.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MAY. (IN DEGREES FAHRENHEIT.)

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	80·6	80·3	80·0	79·2	78·5	77·7	78·8	81·0	82·7	84·2	85·3	85·9	87·2	87·6	86·9
2	80·1	79·6	79·6	78·9	78·7	78·8	79·4	81·1	83·1	84·1	85·7	86·8	87·7	88·2	87·9
3	81·6	81·1	80·8	80·6	80·6	80·7	81·1	82·8	84·2	85·7	86·2	86·9	87·7	88·2	87·8
4	81·8	81·6	81·5	81·0	80·1	79·7	80·2	82·1	84·1	85·6	87·4	88·3	89·6	90·1	89·3
5	80·3	79·7	79·5	79·3	79·1	78·7	79·9	81·7	83·4	85·4	87·2	88·2	89·2	89·7	89·5
6	80·3	79·7	79·4	80·2	80·4	80·5	81·2	83·0	85·2	85·9	86·7	87·4	87·7	87·4	87·4
7	81·2	80·6	80·2	79·6	79·3	79·8	80·9	82·8	84·4	85·2	86·3	87·2	87·4	87·8	88·2
8	80·8	80·6	80·4	80·3	80·2	79·8	80·4	81·7	83·6	84·4	85·6	86·5	87·4	87·3	87·8
9	80·3	79·9	79·6	79·6	79·5	79·5	80·2	81·5	84·0	85·5	85·0	86·4	87·5	88·3	88·4
10	81·2	80·8	80·7	80·8	80·9	81·0	81·2	82·0	83·7	83·9	84·8	86·5	86·6	87·4	87·3
11	81·1	81·2	81·0	80·9	80·6	80·0	80·4	82·1	84·5	86·2	87·8	87·4	88·7	88·0	87·6
12	82·2	81·8	81·5	80·8	80·5	79·8	80·7	82·5	81·6	85·8	86·9	88·6	88·8	88·6	89·2
13	82·4	81·8	80·7	80·6	80·6	80·4	82·1	84·6	85·4	86·3	87·2	87·8	89·6	89·2	89·6
14	81·7	80·9	80·6	80·5	80·5	79·7	81·0	82·3	83·9	84·7	85·8	86·8	87·8	88·9	89·1
15	81·2	80·6	80·0	80·0	79·9	79·6	80·4	82·0	83·6	81·7	85·6	86·2	86·8	87·4	87·2
16	81·7	81·5	81·3	81·1	81·0	81·0	81·5	83·1	84·1	85·2	86·4	87·1	87·8	88·2	88·6
17	82·6	82·5	82·4	82·0	81·4	81·4	81·4	82·8	83·1	85·2	86·4	87·2	88·3	88·7	88·6
18	81·5	81·3	81·0	80·8	80·7	80·9	81·5	82·0	83·4	84·9	86·0	87·5	88·1	87·9	87·7
19	81·9	81·7	81·5	81·5	81·4	80·9	81·1	82·8	84·9	85·9	86·8	87·7	88·7	88·9	89·2
20	82·4	82·4	82·1	81·8	81·6	81·7	80·9	82·8	84·6	85·9	86·8	87·6	88·3	88·7	88·6
21	82·7	82·5	82·3	82·1	81·9	81·7	82·2	83·4	85·1	86·1	87·3	88·1	88·8	89·2	89·6
22	83·5	83·0	82·6	82·5	82·3	82·2	82·9	83·0	85·2	86·7	87·6	88·5	89·3	89·2	88·7
23	82·9	82·8	82·7	82·6	82·5	82·4	83·2	83·7	85·2	87·0	88·1	89·4	89·8	90·2	90·1
24	83·2	82·9	82·4	82·2	82·1	81·9	83·9	81·0	85·4	86·6	87·8	88·8	89·4	89·8	89·8
25	82·8	82·6	82·5	82·4	81·7	81·4	82·8	83·7	85·4	86·7	87·6	88·2	89·1	89·5	89·5
26	82·6	82·4	82·2	82·0	81·9	81·9	82·8	83·9	85·4	87·0	88·4	88·9	89·6	89·8	89·9
27	82·9	82·7	82·5	82·4	82·2	82·3	82·8	84·3	85·7	87·3	87·8	88·6	89·9	89·8	89·7
28	82·5	82·2	82·3	82·1	81·9	82·0	82·8	84·1	85·9	86·9	87·9	88·7	88·9	89·5	90·0
29	83·6	83·5	83·4	83·2	83·0	82·9	83·4	84·8	86·2	87·2	88·4	89·4	89·9	90·3	90·1
30	83·4	82·9	82·6	82·7	82·6	82·5	82·7	84·6	86·2	87·3	88·2	88·8	89·8	90·3	90·3
31	83·4	83·3	83·1	82·7	82·4	82·5	83·1	84·5	86·1	86·8	88·1	89·2	89·9	90·4	90·2
Mean .	81·9	81·6	81·4	81·2	81·0	80·8	81·5	82·9	84·6	85·8	86·9	87·8	88·5	88·9	88·8
Variation .	—2·4	—2·7	—2·9	—3·1	—3·3	—3·5	—2·8	—1·4	+0·3	+1·5	+2·6	+3·5	+4·2	+4·6	+4·5

JUNE.

1	82·5	82·5	82·5	82·5	82·3	82·2	83·0	84·0	85·6	86·9	88·2	88·6	89·7	89·8	90·1
2	83·5	83·4	83·2	83·1	83·0	82·9	83·6	84·9	86·5	87·4	88·6	89·2	89·7	90·3	89·7
3	84·0	83·8	83·6	83·6	83·6	83·6	84·2	85·5	87·0	87·9	88·9	89·9	90·6	90·9	90·8
4	84·6	84·5	84·5	84·5	84·4	84·5	84·8	86·0	87·4	88·6	89·6	90·1	90·6	91·3	90·8
5	84·7	84·5	84·4	84·2	83·9	83·8	84·4	85·2	86·7	88·1	89·8	90·0	90·2	90·3	90·5
6	84·5	84·5	84·4	84·4	84·2	83·8	84·5	85·9	87·3	88·2	89·4	90·1	90·6	91·1	91·4
7	84·8	84·6	84·5	84·5	84·5	84·5	84·6	86·0	87·4	88·2	89·6	90·7	91·6	91·5	91·5
8	84·5	84·4	84·3	84·4	84·4	84·0	84·1	84·9	86·3	87·4	89·1	90·0	91·0	91·6	92·0
9	85·5	85·1	84·9	84·5	84·4	84·4	85·1	86·3	85·9	87·1	87·4	88·0	88·1	87·6	87·9
10	84·5	84·5	84·5	84·3	83·9	83·7	84·5	85·4	86·1	86·7	88·1	89·9	90·7	91·0	90·7
11	79·0	78·6	78·9	78·9	79·5	79·5	80·5	81·7	83·1	84·2	85·4	86·9	88·1	88·5	88·9
12	84·4	84·2	83·9	83·5	83·4	83·1	83·4	85·6	86·4	87·0	88·0	87·9	86·5	87·4	86·9
13	80·7	80·5	80·3	80·0	80·2	80·5	81·5	82·5	84·8	85·5	84·3	85·7	85·1	85·6	85·6
14	82·3	80·8	80·3	80·1	79·9	79·6	80·0	81·3	82·6	85·0	86·6	85·7	85·1	85·3	84·1
15	81·3	80·6	80·1	80·1	79·0	79·2	80·7	82·1	82·2	80·6	80·9	82·0	83·1	84·5	84·5
16	82·4	82·4	82·4	82·5	82·5	82·8	83·1	84·0	85·8	86·6	87·5	88·0	88·4	86·7	86·8
17	83·5	83·3	82·0	82·4	82·6	82·6	83·1	84·2	85·5	86·5	87·4	87·7	88·1	88·5	88·4
18	80·9	81·3	80·2	81·0	80·5	80·4	81·9	81·0	81·9	83·7	86·0	86·5	87·3	88·0	87·7
19	83·5	83·4	83·2	83·0	82·9	83·0	83·3	84·0	85·5	86·4	86·9	87·8	88·2	88·5	88·9
20	84·0	83·8	83·6	83·6	83·6	83·4	83·6	84·5	86·0	86·9	87·5	88·2	88·6	88·7	88·9
21	84·3	84·1	84·0	83·9	83·5	83·5	83·1	84·2	85·5	86·5	88·1	88·5	88·8	89·2	89·1
22	84·3	83·9	83·8	83·5	83·5	83·1	83·5	84·8	86·2	87·0	87·8	88·5	88·9	89·3	89·2
23	84·2	83·8	83·6	83·5	83·5	83·4	83·8	84·8	85·4	86·6	87·5	88·4	88·9	89·5	89·7
24	84·5	84·4	83·8	83·7	83·7	83·5	83·8	84·8	84·9	86·3	87·2	88·3	89·4	89·6	90·3
25	84·9	84·5	84·8	84·8	84·5	84·3	84·5	84·7	86·4	87·1	87·1	88·0	89·2	90·3	90·3
26	85·4	84·9	84·8	84·8	84·6	84·3	83·9	84·4	85·4	86·4	86·8	87·4	88·4	89·2	90·1
27	84·8	80·8	80·3	81·2	81·2	81·1	81·4	82·5	84·1	85·4	86·5	87·3	88·4	89·1	87·2
28	81·2	79·9	79·9	80·4	80·9	80·7	81·4	82·5	83·5	84·5	86·1	87·2	86·7	86·7	86·4
29	80·8	80·3	80·0	79·8	78·8	78·7	80·0	81·0	81·6	82·3	81·6	79·7	79·3	80·9	81·4
30	80·5	81·1	80·4	79·8	80·4	80·1	80·2	80·1	80·2	81·3	82·5	83·9	83·9	81·5	82·3
Mean .	83·3	82·9	82·7	82·7	82·6	82·5	82·9	83·9	85·1	86·1	87·1	87·6	88·1	88·4	88·4
Variation .	—1·8	—2·2	—2·4	—2·4	—2·5	—2·6	—2·2	—1·2	0·0	+1·0	+2·0	+2·5	+3·0	+3·3	+3·3

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MAY. (IN DEGREES FAHRENHEIT.)

Hours.									Mean.	Maximum.		Minimum.		Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		Time.	Mag.	Time.	Mag.	
										H. M.		H. M.		
86·9	86·1	85·0	83·4	82·7	82·2	81·9	81·0	80·7	82·7	13 30	87·8	6 0	77·5	1
87·9	86·4	84·7	83·5	82·8	82·6	82·0	81·9	81·5	83·0	13 50	88·5	6 2	78·6	2
87·9	86·8	85·2	83·9	83·4	82·7	82·9	82·5	82·2	83·9	13 28	88·5	4 28	80·5	3
88·8	87·4	85·6	83·8	82·8	82·4	81·9	80·9	80·5	84·0	14 20	90·5	6 0	79·6	4
88·5	87·4	85·8	83·6	82·8	82·6	81·3	81·8	81·1	83·3	13 14	90·1	5 50	78·5	5
87·4	86·6	85·0	83·6	82·7	82·5	82·4	82·1	81·8	83·6	13 0	88·0	2 30	79·3	6
87·9	86·8	85·2	83·1	82·4	81·8	81·7	81·3	81·2	83·4	14 10	88·8	4 35	79·0	7
87·4	86·2	84·6	82·5	81·9	81·5	82·2	80·7	80·6	83·1	13 48	88·0	5 56	79·5	8
87·3	86·4	84·9	83·7	82·9	82·4	82·0	81·6	81·5	83·2	14 22	89·0	4 57	79·4	9
85·8	84·9	83·8	82·4	81·7	81·5	81·5	81·1	81·0	83·0	14 8	87·6	2 40	80·5	10
86·9	86·0	84·9	83·8	83·2	83·0	82·8	82·6	82·5	83·9	12 40	89·0	5 56	79·9	11
88·5	86·8	85·9	85·1	84·7	83·9	82·8	82·5	82·2	84·4	14 10	89·5	6 2	79·6	12
89·4	87·5	86·0	84·3	83·5	83·2	82·7	82·5	82·2	84·5	14 30	90·0	5 30	80·3	13
88·4	87·2	85·1	83·6	82·7	82·5	82·3	81·9	81·5	83·7	13 40	89·5	5 30	79·6	14
87·3	86·8	86·2	84·2	83·4	83·3	82·8	82·5	82·2	83·5	14 35	88·0	6 2	79·5	15
88·6	87·6	86·2	84·5	83·8	83·4	83·1	83·0	82·7	84·3	14 5	88·9	6 0	80·9	16
88·7	87·1	85·6	83·9	82·9	82·5	82·4	82·1	81·7	84·2	13 10	89·0	6 6	81·2	17
87·6	83·2	84·6	83·3	82·9	82·7	82·5	82·2	82·2	83·7	12 30	88·5	4 25	80·0	18
88·8	87·3	85·6	81·2	83·6	83·2	83·1	83·0	82·8	84·4	12 50	89·5	6 2	80·8	19
88·6	88·2	86·6	84·9	84·4	83·7	83·6	83·4	82·9	84·7	14 6	89·0	6 42	80·5	20
88·8	88·2	86·8	85·1	84·4	84·2	84·0	83·8	83·6	85·1	14 10	89·8	6 2	81·5	21
88·7	87·5	86·2	84·9	84·5	84·1	83·7	83·2	82·9	85·1	12 50	89·6	5 32	82·0	22
88·9	85·9	85·3	84·6	84·1	83·8	83·7	83·6	83·4	85·3	13 50	90·4	5 6	82·3	23
88·7	87·7	86·0	84·5	84·1	83·8	83·7	83·3	82·9	85·2	14 20	90·1	5 12	81·7	24
89·3	88·5	86·9	85·0	84·4	83·4	83·5	83·0	82·9	85·1	14 30	89·8	5 44	81·2	25
89·8	88·8	87·1	84·9	84·3	83·8	83·6	83·3	83·0	85·3	14 50	90·0	4 4	81·7	26
89·5	88·5	86·8	85·0	84·3	83·9	83·7	83·4	82·8	85·4	13 18	90·4	4 12	82·1	27
90·0	88·9	87·2	85·6	85·2	84·5	84·4	84·1	83·9	85·5	14 20	90·5	4 40	81·8	28
89·8	89·2	87·5	85·5	84·7	84·2	84·0	83·7	83·5	85·9	14 20	90·5	5 52	82·4	29
89·8	88·8	87·5	85·7	84·9	84·3	83·9	83·8	83·7	85·7	13 50	90·6	5 22	82·2	30
89·5	88·1	86·9	85·0	84·2	84·0	83·9	83·5	83·0	85·6	14 26	90·6	4 34	82·2	31
88·4	87·3	85·8	84·2	83·6	83·1	82·9	82·6	82·3	84·3					Mean.
+4·1	+3·0	+1·5	−0·1	−0·7	−1·2	−1·4	−1·7	−2·0						Variation.

JUNE.

90·0	89·1	87·0	85·9	85·0	84·6	84·5	84·4	83·8	85·6	15 4	90·5	6 4	82·0	1
89·7	89·1	88·0	86·7	85·9	85·4	85·1	84·6	84·4	86·2	13 52	90·5	5 22	82·8	2
90·0	89·5	88·0	86·9	86·1	85·6	85·5	85·3	84·9	86·7	14 20	91·1	4 2	83·5	3
90·1	89·7	88·5	87·0	86·4	85·7	85·5	85·4	85·0	87·1	13 48	91·5	5 6	84·3	4
90·1	89·9	88·2	87·9	86·2	85·5	85·5	85·1	84·7	86·8	13 40	90·7	5 52	83·6	5
90·7	90·0	88·5	87·1	86·5	85·8	85·5	85·5	85·2	87·0	13 52	91·6	4 2	83·7	6
91·2	90·3	88·9	87·5	86·4	86·0	85·8	85·6	85·2	87·3	13 0	92·4	5 12	84·4	7
91·2	89·5	87·4	86·5	86·4	85·7	85·6	85·8	85·6	86·9	14 30	92·2	6 6	83·8	8
88·3	87·2	86·5	85·6	85·5	85·1	85·0	84·9	84·9	86·1	12 8	89·0	5 20	84·3	9
89·4	88·1	87·0	85·7	85·5	85·4	85·1	85·0	85·1	86·5	12 40	92·0	5 20	83·6	10
88·7	87·6	86·5	85·5	84·9	84·6	84·5	84·5	84·4	83·9	14 30	89·1	0 22	78·5	11
86·0	84·9	83·5	82·7	82·6	81·0	81·1	81·5	81·1	84·4	13 28	88·1	20 12	80·8	12
84·4	84·6	84·6	83·6	83·0	82·4	82·4	81·7	81·5	82·7	12 30	86·0	4 20	79·8	13
84·8	84·9	84·3	83·8	82·9	82·5	82·7	82·2	81·6	82·9	14 2	87·0	5 36	79·4	14
84·9	84·2	83·7	83·2	80·6	80·0	81·6	83·0	82·5	81·8	15 24	85·2	19 48	78·0	15
83·3	84·0	84·4	84·4	82·8	83·0	83·6	83·8	83·7	84·4	12 52	88·6	19 28	81·2	16
88·4	87·9	86·9	85·5	84·7	84·7	84·5	84·4	84·2	85·3	13 54	89·0	2 52	80·6	17
87·3	87·0	85·1	85·3	84·8	84·5	84·3	83·8	83·8	84·0	13 12	89·0	5 20	80·1	18
89·0	88·2	87·2	86·0	85·4	84·7	84·5	84·4	84·3	85·5	14 50	89·2	5 12	82·7	19
88·2	88·1	87·0	86·0	85·5	85·0	84·8	84·5	84·4	85·8	14 20	89·6	5 34	83·2	20
89·0	88·6	87·4	86·1	85·5	85·0	84·8	84·5	84·4	85·9	13 40	89·4	6 22	82·8	21
89·1	88·9	87·9	85·3	85·6	85·1	84·8	84·5	84·5	86·0	15 40	90·0	5 52	82·7	22
89·6	89·1	88·0	86·4	85·7	85·4	85·2	84·9	84·5	86·1	14 22	90·0	5 48	82·9	23
90·2	89·2	88·1	87·0	86·3	85·9	85·5	85·1	85·0	86·3	14 36	90.5	6 8	83·4	24
90·2	87·5	87·1	86·8	86·5	86·2	85·9	85·5	85·5	86·5	13 52	90·5	5 32	83·9	25
89·4	89·2	88·2	87·0	86·5	86·0	86·1	85·9	85·5	86·4	14 55	90·3	6 12	83·6	26
85·9	86·0	85·9	85·5	85·0	84·0	84·1	80·0	80·5	84·0	14 2	89·5	22 55	79·5	27
86·2	85·7	85·1	83·6	82·7	81·6	81·5	81·2	80·9	83·2	11 40	87·5	2 8	79·7	28
81·5	81·4	81·1	80·6	80·4	80·5	80·5	80·4	80·4	80·5	10 12	83·0	4 58	78·5	29
81·3	80·7	80·9	80·1	79·3	79·5	79·4	79·5	79·6	80·7	11 15	85·0	19 20	79·1	30
87·9	87·3	86.4	85·4	84·7	84·2	84·1	83·9	83·7	85·1					Mean.
+2·8	+2·2	+1·3	+0·3	−0·4	−0·9	−1·0	−1·2	−1·4						Variation.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JULY. (IN DEGREES FAHRENHEIT.)

Date.	Hours. 0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	79·9	79·5	79·9	79·5	79·8	79·9	80·0	80·6	81·4	82·0	83·6	84·2	84·5	81·8	80·1
2	80·0	80·0	80·1	78·7	77·9	78·0	78·0	78·2	78·1	79·2	81·1	83·3	84·8	84·4	84·1
3	82·3	82·4	82·4	82·5	82·5	82·0	79·9	80·9	81·6	83·2	84·7	84·8	85·6	81·4	79·8
4	79·6	79·7	78·9	78·8	78·5	78·8	78·9	79·6	80·8	81·9	83·0	82·6	82·4	80·6	79·1
5	81·4	81·6	81·7	81·5	81·1	81·9	81·5	81·5	81·6	78·9	82·4	82·8	82·5	83·6	81·2
6	82·6	81·7	82·5	82·6	82·8	83·0	82·0	82·0	83·3	84·1	83·7	83·9	85·1	83·3	81·5
7	81·9	82·1	80·0	81·0	81·3	80·9	80·8	81·8	82·1	81·8	81·6	82·6	83·2	82·9	82·6
8	79·0	78·2	77·4	77·8	77·1	78·1	78·1	76·8	76·8	76·8	77·3	77·0	77·5	77·1	77·7
9	79·8	80·8	81·7	81·9	82·0	82·2	82·4	82·8	83·4	84·5	84·8	85·3	85·3	84·7	86·0
10	82·4	82·2	82·2	82·2	82·1	82·0	82·3	82·9	84·0	84·6	84·7	86·2	86·4	85·8	85·1
11	82·4	82·1	81·6	81·6	81·5	81·5	82·1	82·8	80·7	80·5	78·1	79·3	77·0	77·3	79·6
12	79·0	79·5	80·6	80·7	80·9	81·0	80·1	81·5	82·8	84·1	83·6	84·1	85·6	84·9	84·2
13	81·9	82·0	82·2	81·4	81·5	80·5	81·0	81·5	82·6	84·0	84·8	82·8	81·4	83·1	84·1
14	82·5	82·4	82·0	82·1	81·6	81·6	81·9	82·8	83·8	84·7	85·0	86·1	86·7	86·4	86·7
15	82·2	81·8	81·5	81·4	81·1	80·8	79·5	79·4	81·0	82·5	83·7	84·6	83·6	83·6	84·5
16	78·8	78·1	76·6	76·5	77·5	77·7	77·9	78·1	79·0	80·5	81·2	79·2	77·8	78·8	80·0
17	81·5	81·3	81·3	81·5	81·5	81·4	81·3	82·1	82·8	84·1	84·7	85·8	86·5	86·6	87·1
18	82·3	82·3	82·2	81·9	81·8	81·8	81·9	82·6	84·1	83·8	85·5	83·5	84·4	85·2	85·5
19	82·6	82·5	82·4	82·4	82·3	82·3	82·6	83·4	84·2	84·8	85·9	86·3	87·0	86·8	86·1
20	82·1	82·3	82·1	82·2	82·1	82·2	82·4	82·7	84·1	85·0	86·0	86·5	84·9	85·4	85·9
21	82·6	82·5	82·3	82·1	81·7	81·6	82·4	82·8	84·1	83·2	83·4	85·4	86·5	86·8	87·2
22	82·5	82·3	82·0	82·0	82·0	82·0	82·1	82·9	84·5	85·6	86·2	85·2	82·9	86·0	86·2
23	82·8	82·6	82·5	82·5	82·5	82·5	82·7	83·5	84·3	84·5	85·4	86·1	86·6	87·0	87·4
24	81·0	79·0	80·9	81·0	81·0	81·6	81·2	81·0	79·5	81·6	83·1	83·6	84·9	84·4	84·0
25	81·6	82·0	81·5	81·9	81·5	81·4	81·3	81·5	82·1	81·0	78·4	79·0	79·6	81·0	82·4
26	81·7	81·9	81·8	81·7	81·8	81·7	82·1	82·5	82·5	83·0	82·5	82·4	81·6	82·4	82·5
27	81·9	81·5	80·8	80·1	80·0	80·8	80·5	81·8	83·2	84·3	84·5	85·0	84·9	85·4	85·1
28	82·1	81·2	80·5	80·2	80·8	80·5	81·2	82·1	81·0	82·8	84·5	85·1	85·5	85·3	85·2
29	79·4	79·6	80·2	79·9	80·0	78·9	78·6	79·1	80·1	81·7	82·9	83·2	84·5	85·0	85·1
30	81·7	80·3	80·8	80·2	80·4	80·9	81·1	81·6	82·0	83·5	83·8	82·6	83·3	83·9	83·5
31	81·6	81·0	81·5	81·5	81·5	81·0	81·0	81·8	83·0	83·2	82·1	82·5	84·9	85·5	83·6
Mean . .	81·4	81·2	81·1	81·0	81·0	81·0	80·9	81·4	82·1	82·8	83·3	83·6	83·7	83·8	83·6
Variation. .	—0·7	—0·9	—1·0	—1·1	—1·1	—1·1	—1·2	—0·7	0·0	+0·7	+1·2	+1·5	+1·6	+1·7	+1·5

AUGUST.

1	80·4	80·3	80·1	80·6	80·7	80·7	80·0	81·3	82·0	80·5	82·5	80·0	78·0	78·3	77·0
2	79·4	79·6	79·0	79·3	79·7	79·4	79·5	79·3	78·5	78·3	80·3	79·6	82·0	82·5	82·0
3	81·2	81·0	81·0	80·9	79·8	80·2	81·1	81·5	82·2	83·5	85·0	85·0	84·3	84·7	84·1
4	81·5	81·5	81·5	81·5	81·5	81·5	81·5	81·6	81·6	82·3	82·4	82·5	82·6	82·7	82·4
5	81·3	80·7	81·0	80·8	79·8	79·4	80·3	81·2	82·2	83·0	83·2	84·3	83·5	83·6	83·4
6	81·4	81·3	81·2	81·3	81·5	81·6	81·6	82·0	83·0	82·0	82·5	82·7	82·9	82·7	79·7
7	81·6	81·5	81·2	80·8	78·6	78·0	78·7	79·4	80·3	81·4	80·7	81·8	82·0	82·5	83·5
8	79·8	79·9	79·7	79·6	79·6	79·5	79·3	79·3	80·2	80·0	79·0	78·4	78·0	78·3	78·4
9	78·2	78·3	77·7	77·7	78·6	78·5	78·6	79·0	78·3	79·2	80·2	81·3	82·0	81·4	81·6
10	80·3	80·5	80·3	78·5	79·8	80·0	80·5	80·6	80·9	81·2	81·3	81·6	81·6	82·4	82·9
11	79·3	79·9	79·5	79·3	79·7	80·4	80·5	80·8	80·5	80·4	81·0	82·7	83·0	83·4	83·5
12	80·5	80·5	79·7	80·0	79·7	79·5	80·0	79·3	79·5	81·0	81·5	83·5	83·7	84·3	84·5
13	79·0	78·0	78·7	79·3	79·7	79·8	80·2	80·3	80·5	82·2	83·5	83·7	83·5	81·4	79·0
14	80·0	80·5	79·2	79·9	80·1	79·0	79·5	78·8	78·6	78·9	81·0	80·4	80·5	81·3	81·8
15	79·4	78·9	78·4	78·0	78·4	77·5	78·2	78·5	79·5	80·4	80·6	81·2	81·0	80·8	80·2
16	80·3	79·5	79·2	79·3	79·4	79·3	79·4	79·8	80·1	81·2	80·2	80·4	80·5	80·2	79·6
17	80·5	80·5	80·3	80·4	80·0	79·6	80·4	80·6	81·3	81·4	82·1	83·0	83·2	83·4	83·4
18	80·7	80·5	80·5	80·5	80·5	80·5	79·8	80·6	81·3	81·5	83·0	83·0	82·8	82·5	82·5
19	80·2	80·4	80·1	80·2	80·3	80·4	80·6	81·3	82·1	83·1	84·0	84·6	85·0	85·2	85·0
20	81·0	80·7	80·5	80·5	80·5	80·5	80·7	81·5	82·2	83·3	84·1	85·0	85·2	85·3	85·0
21	80·2	80·5	80·4	80·5	80·0	79·9	80·6	80·5	81·7	82·8	83·4	83·5	83·7	83·8	83·3
22	80·3	79·7	79·6	80·0	80·0	79·5	80·2	80·7	81·8	82·8	83·5	83·6	84·0	83·5	83·4
23	79·8	78·5	79·2	77·4	77·3	76·4	77·0	78·5	80·5	80·9	83·0	83·6	84·2	84·3	84·4
24	80·3	80·2	80·0	79·8	79·5	79·5	80·0	80·8	81·8	82·7	84·2	83·9	83·7	84·0	81·3
25	79·8	79·4	77·9	77·7	78·3	78·5	78·4	79·3	79·8	81·2	82·3	82·2	81·6	81·4	82·3
26	80·7	80·4	80·5	80·0	79·5	80·2	80·5	81·0	81·2	80·6	80·3	82·1	84·4	84·8	84·9
27	80·4	79·6	80·3	80·4	79·9	79·8	79·9	80·5	80·8	81·3	82·8	83·8	80·3	81·4	81·2
28	78·1	78·7	79·4	79·5	78·3	78·0	78·8	78·8	79·6	79·5	79·6	81·3	80·0	81·5	82·4
29	77·5	77·5	78·4	78·5	78·6	79·1	78·6	79·2	80·0	81·3	80·7	80·9	81·8	80·0	80·6
30	79·7	79·6	79·4	79·3	79·4	79·5	79·5	80·3	81·8	82·6	83·0	82·3	83·0	83·4	83·1
31	79·5	79·0	78·6	77·8	78·0	78·3	79·2	80·3	81·3	82·0	83·0	82·9	83·0	82·3	82·7
Mean . .	80·1	79·9	79·8	79·7	79·6	79·5	79·8	80·2	80·8	81·4	82·0	82·4	82·4	82·5	82·3
Variation. .	—0·7	—0·9	—1·0	—1·1	—1·2	—1·3	—1·0	—0·6	0·0	+0·6	+1·2	+1·6	+1·6	+1·7	+1·5

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JULY. (IN DEGREES FAHRENHEIT.)

Hours. 15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.	Maximum. Time.	Maximum. Mag.	Minimum. Time.	Minimum. Mag.	Date.
										H. M.		H. M.		
80·0	81·5	81·7	82·1	82·0	81·2	81·0	80·7	80·5	81·1	12 22	84·8	1 55	79·4	1
81·2	81·8	82·1	82·3	82·3	82·3	82·3	82·4	82·3	81·0	13 2	84·9	3 34	77·4	2
81·0	81·6	81·2	81·1	79·4	80·1	80·4	80·0	79·6	81·7	12 50	86·0	6 40	79·5	3
79·3	78·9	77·8	77·9	77·6	77·4	77·3	78·0	80·6	79·5	12 48	84·0	5 4	77·0	4
82·7	81·2	82·8	82·8	83·0	83·2	83·0	82·9	82·1	82·0	13 52	84·0	9 12	78·5	5
78·2	80·6	81·9	82·6	82·2	83·0	81·9	81·9	80·2	82·4	12 42	85·4	15 54	78·0	6
82·7	82·8	82·8	82·5	80·9	80·1	79·8	79·6	79·4	81·5	12 30	83·4	23 58	79·3	7
77·9	78·6	79·5	80·4	79·6	78·6	79·2	78·9	79·4	78·1	18 40	81·2	8 52	76·4	8
85·5	85·7	84·8	84·1	83·5	83·4	83·1	82·8	82·5	83·5	12 38	86·4	0 2	79·8	9
84·5	83·8	83·5	83·4	83·1	82·9	82·7	82·8	82·7	83·5	11 2	86·5	2 42	81·8	10
80·2	80·0	79·7	79·6	79·6	79·5	78·7	78·7	78·1	80·1	8 4	82·8	12 40	76·8	11
84·5	83·8	81·8	81·0	80·7	80·9	81·0	81·4	81·9	82·0	13 21	85·2	0 4	78·9	12
84·5	83·6	83·5	83·0	82·8	82·7	82·5	82·5	82·5	82·6	10 2	85·1	5 30	80·0	13
86·2	85·0	84·5	83·2	83·0	82·7	82·4	82·4	82·3	83·7	12 25	86·9	4 52	81·4	14
84·2	82·1	81·2	79·8	79·5	79·8	79·6	78·8	78·7	81·5	11 48	85·0	23 58	78·3	15
81·1	81·9	81·6	80·5	81·2	81·5	81·6	81·5	81·5	79·6	16 32	82·1	3 56	76·4	16
86·9	86·2	85·1	84·2	82·9	82·9	82·9	81·9	82·2	83·5	14 12	87·5	2 4	81·2	17
85·5	85·1	84·3	83·6	83·4	83·2	83·2	82·9	82·8	83·5	10 12	86·0	4 2	81·5	18
86·0	85·4	84·6	83·9	83·6	82·9	82·8	82·6	82·5	84·0	13 0	87·5	4 10	82·2	19
86·7	84·6	83·5	83·4	81·4	81·8	82·6	82·7	82·8	83·6	15 32	87·0	19 54	81·3	20
87·0	85·9	85·1	84·0	83·5	83·2	82·0	82·9	82·8	83·8	14 10	87·4	4 52	81·4	21
86·6	86·3	85·2	83·8	83·5	83·5	83·5	83·4	83·1	83·9	15 8	87·0	6 0	81·9	22
86·9	86·0	83·5	82·4	82·4	82·3	81·6	81·2	81·0	83·8	14 22	87·5	23 56	80·8	23
84·4	84·3	83·8	83·2	83·4	82·9	82·5	80·7	80·9	82·2	13 46	84·6	1 10	78·2	24
82·7	81·4	82·1	81·4	78·2	80·0	81·4	80·6	80·9	81·0	9 12	82·9	11 10	78·1	25
82·5	82·7	82·5	82·5	82·5	82·5	82·5	81·9	81·7	82·2	10 20	83·4	6 30	81·5	26
85·3	84·4	83·7	82·7	82·6	82·1	81·0	81·8	82·0	82·7	13 5	86·0	4 5	79·5	27
84·4	81·7	82·3	82·4	81·7	81·2	81·3	79·6	79·8	82·2	13 2	86·0	22 24	79·5	28
85·0	83·9	82·0	81·5	81·4	81·4	81·0	81·2	81·5	81·5	14 50	86·3	6 32	78·2	29
84·7	84·5	83·8	82·8	82·3	82·1	82·0	81·7	81·7	82·3	15 16	85·1	1 36	80·1	30
82·7	83·1	83·5	82·9	82·2	80·5	80·5	80·5	80·5	82·2	14 12	86·0	21 10	80·4	31
83·6	83·2	82·8	82·3	81·8	81·7	81·6	81·3	81·3	82·1					Mean.
+1·5	+1·1	+0·7	+0·2	—0·3	—0·4	—0·5	—0·8	—0·8						Variation.

AUGUST.

77·4	79·0	79·0	79·2	79·9	79·5	79·7	80·3	80·4	79·9	10 45	83·5	14 26	76·4	1
82·3	80·8	81·5	81·5	81·4	81·3	80·7	81·3	81·4	80·4	13 10	83·2	8 55	78·1	2
83·0	83·0	82·7	82·2	82·3	82·2	81·4	81·5	81·5	82·3	11 20	85·2	4 50	79·6	3
83·7	82·5	82·5	82·7	81·8	79·3	80·3	81·4	81·1	81·8	13 12	83·4	20 10	79·2	4
83·7	83·4	82·7	82·5	82·4	82·3	82·2	82·0	81·6	82·1	12 20	84·4	5 12	79·3	5
80·4	81·5	82·2	82·0	81·6	81·5	81·0	81·4	81·4	81·7	8 40	82·5	14 20	79·5	6
82·5	80·1	80·7	81·5	81·0	79·5	77·8	77·5	77·8	80·4	13 50	83·6	23 10	77·1	7
79·2	79·0	78·7	78·5	78·5	78·4	78·5	77·9	77·5	79·0	12 35	82·5	20 52	77·4	8
80·8	79·4	79·2	78·0	78·4	78·4	78·3	77·9	79·4	79·2	13 0	83·2	9 2	77·5	9
82·5	82·0	81·5	80·3	80·0	80·2	78·7	79·0	78·5	80·6	14 8	83·0	3 12	77·9	10
83·5	81·9	80·3	81·3	81·4	81·5	81·2	81·4	81·2	81·1	14 10	84·4	4 8	79·1	11
84·2	83·8	82·5	81·7	81·5	81·3	81·1	80·6	80·0	81·4	13 30	84·9	7 16	78·5	12
80·5	81·8	81·3	80·0	79·5	80·0	79·8	80·5	80·5	80·5	11 20	84·5	1 32	77·9	13
82·2	81·7	80·5	79·6	79·2	79·5	79·0	78·0	78·8	79·9	15 50	83·1	22 35	77·5	14
80·5	80·5	80·7	80·5	80·2	79·5	80·2	80·6	80·5	79·8	12 30	81·6	5 42	77·4	15
80·6	80·5	80·5	80·0	79·8	79·2	79·8	80·4	80·5	80·0	10 20	81·5	1 24	78·5	16
83·6	82·7	82·1	81·6	81·4	81·3	81·0	81·0	81·0	81·5	15 50	84·5	5 24	78·5	17
82·5	82·4	81·8	81·3	81·0	80·6	80·4	80·5	80·1	81·2	12 40	84·1	7 40	79·6	18
84·2	83·4	82·7	82·2	81·9	81·5	81·5	81·4	81·3	82·2	13 44	85·4	0 4	79·6	19
84·2	83·5	82·7	82·3	81·7	81·6	81·5	81·4	81·0	82·3	14 20	85·5	8 6	80·4	20
83·2	82·6	82·3	81·6	81·5	81·4	81·5	81·3	81·0	81·7	13 24	84·5	0 16	79·8	21
82·2	81·5	81·5	81·3	80·6	80·5	80·9	79·0	79·2	81·2	12 40	84·5	23 40	78·0	22
83·4	81·6	80·5	79·5	79·7	80·3	79·7	80·0	79·8	80·4	12 32	84·8	5 50	76·0	23
82·5	83·3	82·1	81·4	80·8	80·9	79·8	79·7	79·6	81·5	11 12	84·5	4 0	79·1	24
81·8	81·5	81·4	81·2	80·8	80·9	80·4	80·4	80·5	80·4	11 10	83·5	2 40	77·5	25
84·7	83·0	81·4	79·8	79·4	79·5	79·5	80·3	80·5	81·2	15 40	85·0	3 52	79·3	26
81·4	81·5	81·4	80·8	80·5	79·4	78·8	77·8	77·2	80·5	12 2	84·5	22 32	77·6	27
82·5	81·8	79·0	78·8	79·5	79·5	79·5	77·8	76·8	79·5	15 42	83·0	23 50	76·7	28
78·5	77·2	77·4	77·3	78·4	79·0	79·0	79·0	79·5	79·1	12 4	82·5	1 40	77·1	29
82·0	80·3	79·7	78·7	79·4	80·3	80·5	80·6	80·5	80·7	12 22	84·0	18 2	78·6	30
82·0	81·5	81·5	81·4	80·2	80·4	80·5	80·6	80·5	80·7	10 24	83·5	4 4	77·6	31
82·1	81·6	81·1	80·6	80·5	80·3	80·1	80·1	80·0	80·8					Mean.
+1·3	+0·8	+0·3	—0·2	—0·3	—0·5	—0·7	—0·7	—0·8						Variation.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER. (IN DEGREES FAHRENHEIT.)

Date.	Hours. 0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	80·6	80·5	80·5	80·4	79·3	77·0	78·1	78·9	80·1	80·7	81·5	81·4	81·3	81·3	81·2
2	80·2	79·9	80·2	80·2	80·3	80·3	79·5	80·1	81·5	82·1	83·0	81·6	81·4	81·1	81·6
3	80·5	80·5	80·5	80·5	80·5	80·6	80·5	80·8	80·3	79·9	81·6	82·2	81·7	82·3	82·5
4	80·1	79·3	78·5	79·8	79·1	79·4	79·7	80·9	81·5	80·7	81·5	81·7	83·2	83·9	84·4
5	79·8	79·6	79·5	79·2	78·9	78·6	78·5	79·9	81·4	82·4	83·2	83·5	83·9	84·3	83·5
6	78·5	77·6	77·5	77·4	77·9	77·9	78·3	79·3	80·6	82·0	83·2	83·5	83·5	84·1	84·4
7	79·6	79·5	79·4	79·3	78·6	78·7	78·9	79·6	80·4	82·6	83·3	83·2	84·5	84·9	84·8
8	80·3	79·8	79·7	79·7	78·8	78·5	78·9	80·9	82·5	82·6	83·7	84·3	84·8	84·9	85·5
9	80·4	79·5	79·8	79·9	79·8	79·6	79·7	80·6	82·3	83·3	84·3	84·8	85·6	85·7	86·2
10	81·4	80·9	80·4	80·9	79·8	79·5	79·6	79·1	81·3	82·7	83·8	83·9	85·2	85·5	85·3
11	80·0	79·9	79·7	79·4	79·1	78·8	79·2	80·2	82·1	83·2	83·2	84·3	84·5	85·5	85·6
12	80·3	79·7	79·5	79·3	79·0	79·1	78·7	79·7	81·0	82·0	82·5	83·2	84·1	84·8	84·9
13	81·5	81·4	80·6	80·2	79·6	79·4	79·5	79·4	79·8	81·2	83·3	84·7	85·0	84·7	85·2
14	81·5	81·4	81·3	80·6	80·5	80·5	80·2	81·4	81·5	80·2	80·4	79·0	78·8	81·0	80·2
15	75·7	75·9	76·9	77·4	76·0	75·6	75·8	77·2	77·4	77·5	77·7	77·7	77·9	77·5	77·5
16	78·0	77·2	77·3	77·0	77·5	77·1	77·3	77·7	79·0	79·5	80·5	79·7	81·0	80·5	81·3
17	79·5	79·5	79·6	79·6	79·7	78·9	78·8	78·1	79·1	80·2	80·8	81·3	79·8	81·8	81·9
18	79·4	79·4	77·5	78·3	78·5	78·6	78·7	78·3	79·6	80·7	82·0	82·4	82·5	82·5	82·2
19	79·5	79·5	79·4	79·5	79·5	79·4	79·5	80·5	81·4	82·3	83·3	83·5	83·8	84·2	83·7
20	77·8	78·4	78·6	78·5	78·5	78·4	78·4	79·5	80·7	81·7	83·0	83·6	84·4	84·2	83·7
21	79·5	79·4	79·5	79·5	79·3	78·6	79·2	79·8	81·3	82·7	83·5	83·5	83·5	83·5	83·3
22	77·8	77·5	77·6	76·7	77·5	77·5	78·1	79·2	80·5	80·8	81·4	82·5	83·5	81·8	80·8
23	79·2	79·2	78·8	78·8	78·8	79·0	79·4	80·3	81·5	82·5	83·3	83·4	83·6	83·7	83·4
24	77·8	77·5	78·5	79·1	79·4	78·5	78·2	77·4	80·4	81·1	82·1	82·4	82·4	82·3	82·7
25	77·6	77·8	76·2	76·1	76·4	76·5	76·7	79·1	80·4	81·5	82·6	82·7	83·4	83·6	83·7
26	79·2	78·4	77·7	77·5	76·8	77·3	78·5	80·0	81·3	82·5	83·4	82·8	83·8	84·5	84·5
27	79·4	79·0	78·5	78·3	78·2	78·1	78·2	79·2	81·2	82·5	82·9	83·9	84·5	84·6	85·1
28	77·7	77·0	77·0	77·2	76·8	76·5	76·5	77·3	78·1	78·6	79·8	80·3	79·6	79·6	80·0
29	79·8	79·9	80·0	79·8	79·8	79·6	79·6	80·7	81·8	83·1	84·0	83·6	84·3	84·8	85·8
30	80·5	80·4	80·5	78·1	77·4	78·0	79·9	81·0	82·0	83·2	84·0	84·8	86·2	86·2	86·7
Mean .	79·4	79·2	79·0	78·9	78·7	78·5	78·7	79·5	80·7	81·5	82·4	82·6	83·1	83·3	83·4
Variation .	—1·4	—1·6	—1·8	—1·9	—2·1	—2·3	—2·1	—1·3	—0·1	+0·7	+1·6	+1·8	+2·3	+2·5	+2·6

OCTOBER.

1	82·4	81·8	77·1	75·8	76·2	76·5	77·7	79·0	80·5	80·6	82·5	83·5	83·9	84·3	85.0
2	81·1	81·4	81·0	80·7	80·5	80·4	80·6	81·4	82·7	83·3	84·0	84·2	84·8	85·0	84·5
3	80·5	80·4	80·3	80·4	80·5	80·5	80·5	81·0	81·6	82·2	83·4	84·0	84·3	85·0	85·1
4	80·6	80·5	80·5	80·4	80·4	80·2	80·6	81·7	82·3	83·3	84·5	85·3	85·1	84·3	85·1
5	80·7	80·6	80·5	80·5	80·4	80·3	78·9	78·2	78·1	78·6	79·0	79·5	80·3	80·7	81·4
6	79·5	79·3	78·7	78·5	78·5	78·4	78·3	78·8	80·5	81·5	82·5	83·2	83·5	84·2	84·4
7	80·4	79·9	79·8	80·0	79·6	79·1	78·7	79·8	81·1	81·3	82·8	84·2	84·8	84·5	85·2
8	80·0	80·0	80·2	79·8	79·4	79·2	79·5	80·8	81·7	82·8	84·0	84·5	85·1	85·5	85·6
9	80·5	80·5	80·5	80·5	80·5	80·5	80·5	81·0	81·5	82·4	83·8	84·7	85·6	86·2	85·6
10	80·5	80·4	80·3	80·1	79·8	79·5	79·8	81·1	83·0	84·1	84·5	85·4	86·7	86·8	86·4
11	81·5	81·3	80·3	80·3	80·0	80·1	80·1	80·3	81·8	83·4	84·8	85·4	85·9	87·0	87·1
12	80·5	80·4	80·4	80·3	80·1	79·6	79·5	80·5	82·3	81·9	83·7	84·2	84·7	85·1	84·6
13	77·8	77·6	78·0	78·4	77·9	77·6	77·8	79·0	80·7	82·4	83·8	84·4	84·3	84·6	84·8
14	78·2	77·7	77·5	77·9	77·9	77·7	78·8	79·1	81·0	82·4	83·3	84·3	84·8	85·0	85·2
15	80·4	79·8	79·5	79·4	79·3	79·0	78·8	80·2	82·2	83·6	85·7	86·1	85·6	86·4	87·2
16	81·5	81·5	81·5	81·4	81·3	80·7	80·5	81·5	83·3	85·0	87·4	89·4	91·6	93·2	92·2
17	80·2	78·6	78·7	79·1	79·1	78·5	77·6	79·3	82·6	83·8	87·1	88·7	89·1	88·9	88·1
18	79·7	78·5	77·5	77·1	76·6	76·5	76·6	78·7	80·2	81·5	84·0	84·8	84·9	85·0	85·1
19	78·5	77·5	77·5	76·6	75·7	75·6	76·2	78·0	79·9	81·0	81·9	82·5	83·1	83·7	84·3
20	76·6	76·5	75·7	75·1	75·1	74·5	74·3	76·5	78·0	79·7	80·8	81·6	82·5	82·5	82·3
21	75·7	75·5	75·9	75·5	74·6	73·6	74·7	76·3	78·5	80·0	81·2	81·9	82·5	82·7	82·9
22	77·3	76·9	76·5	76·5	76·0	75·0	74·9	77·0	80·3	81·9	82·3	82·8	83·3	83·5	82·8
23	77·3	76·9	77·3	77·5	77·6	77·7	77·6	78·3	80·7	82·4	83·0	83·4	83·2	83·4	83·8
24	77·4	77·4	77·0	77·2	77·3	77·5	77·7	78·2	79·3	80·5	81·5	82·6	82·3	83·4	83·7
25	76·7	76·9	77·3	77·4	77·4	77·5	77·3	78·1	79·8	81·3	81·4	82·2	83·1	83·6	84·4
26	78·4	77·9	77·9	78·2	78·1	77·6	77·7	79·0	80·3	82·1	82·3	83·0	83·8	84·3	84·4
27	78·6	78·7	78·8	79·1	79·4	79·3	79·4	79·8	80·6	81·7	83·2	83·7	84·6	84·6	84·6
28	80·1	79·9	79·3	78·0	78·3	77·9	76·7	78·6	81·5	83·5	85·5	86·5	87·1	87·3	87·5
29	80·2	79·4	78·6	77·8	77·3	76·8	77·4	78·1	80·0	81·7	84·5	85·9	87·5	88·7	89·5
30	77·5	77·0	76·6	75·8	75·7	75·9	74·7	76·5	78·6	80·3	82·4	84·4	86·2	86·3	86·2
31	75·7	75·5	75·7	75·2	74·6	74·4	74·7	76·5	79·1	81·0	82·7	84·4	86·9	86·2	85·6
Mean .	79·2	78·9	78·6	78·4	78·2	78·0	78·0	79·1	80·7	82·0	83·3	84·2	84·9	85·2	85·3
Variation .	—2·0	—2·3	—2·6	—2·8	—3·0	—3·2	—3·2	—2·1	—0·5	+0·8	+2·1	+3·0	+3·7	+4·0	+4·1

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER. (IN DEGREES FAHRENHEIT.)

Hours. 15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.	Maximum. Time.	Maximum. Mag.	Minimum. Time.	Minimum. Mag.	Date.
										H. M.		H. M.		
81·2	81·6	81·4	81·4	81·2	81·1	80·9	80·8	80·6	80·5	16 10	82·0	5 30	76·5	1
81·1	81·1	81·0	80·8	81·1	81·2	80·9	80·7	80·7	80·9	10 32	84·2	7 0	79·3	2
83·2	82·8	81·8	81·5	81·4	81·0	80·6	80·5	80·2	81·2	12 4	83·4	9 10	79·5	3
84·2	83·2	82·5	81·4	80·8	80·5	80·3	80·1	79·9	81·1	14 35	84·6	1 50	78·4	4
83·4	83·7	83·1	81·5	80·5	80·4	79·7	78·9	78·9	81·1	16 36	84·5	6 5	78·4	5
84·3	83·8	82·8	81·5	81·0	80·6	80·5	80·2	79·9	80·8	14 12	85·0	4 8	77·3	6
84·4	83·6	82·4	81·6	81·5	81·3	81·0	80·5	80·5	81·4	14 0	85·0	4 42	78·5	7
85·6	85·3	84·1	81·2	81·4	81·5	81·0	80·9	80·8	81·9	15 20	85·8	5 50	78·4	8
85·8	85·2	83·9	82·5	81·9	81·6	81·6	81·6	81·5	82·4	14 35	86·3	1 40	79·3	9
84·6	84·4	82·7	81·6	80·8	80·5	79·9	79·4	79·5	81·7	12 40	86·0	7 52	79·0	10
85·8	84·8	83·6	82·1	81·3	80·7	80·7	80·5	80·4	81·9	15 0	86·0	6 20	78·6	11
84·8	84·2	83·2	82·5	82·4	81·9	81·8	81·6	81·5	81·7	14 50	85·0	6 30	78·6	12
84·4	84·2	83·4	82·5	82·3	81·8	81·6	81·5	81·5	82·0	14 10	86·0	6 40	79·2	13
79·5	79·0	77·8	77·9	77·6	77·5	77·7	77·5	77·8	79·6	8 22	82·5	20 25	77·0	14
78·0	78·2	78·5	78·8	78·9	78·5	78·4	78·3	78·0	**77·5**	18 30	79·2	0 40	**75·4**	15
80·9	80·4	80·1	79·9	79·7	77·4	78·9	79·3	79·5	79·0	10 30	81·5	3 30	77·0	16
78·8	78·8	78·4	79·4	79·5	77·7	78·3	78·8	79·5	79·5	15 10	82·0	20 5	77·6	17
81·8	81·2	80·4	79·8	80·4	80·3	79·5	79·1	79·3	80·1	12 40	82·7	2 16	77·3	18
82·7	82·6	82·0	80·8	80·7	79·5	79·7	79·5	79·7	81·1	14 10	84·5	5 28	78·8	19
83·5	82·8	81·6	80·7	80·5	79·9	79·7	79·8	79·5	80·7	12 48	84·5	0 2	77·6	20
82·5	81·8	81·4	77·9	78·4	78·1	78·4	78·5	78·4	80·5	10 20	8[illegible]·9	18 40	77·5	21
81·6	78·8	78·3	79·1	79·5	77·7	78·3	78·8	79·0	79·3	14 10	84·5	3 40	76·5	22
82·0	81·4	80·9	80·8	80·3	78·6	77·8	77·3	78·2	80·5	13 6	84·4	22 56	77·0	23
82·5	82·1	81·1	80·3	79·6	79·2	77·7	78·3	77·8	79·9	14 10	83·0	7 12	77·4	24
83·9	83·6	82·2	80·7	80·4	79·8	79·6	79·5	79·5	80·1	14 40	84·4	3 5	76·0	25
84·3	83·3	82·3	81·2	80·7	80·5	80·3	79·6	79·5	80·8	14 10	84·9	4 40	76·7	26
84·6	84·2	82·9	81·9	81·5	81·5	81·4	81·4	80·4	81·4	14 30	85·4	6 12	78·0	27
81·0	81·4	80·8	80·6	80·5	80·3	79·9	80·3	80·0	79·0	16 0	82·0	6 30	76·4	28
85·5	85·1	83·9	82·9	82·6	82·2	81·5	80·9	80·7	82·2	14 45	86·0	6 10	79·5	29
86·5	85·8	84·8	84·2	83·8	83·4	83·4	82·8	82·5	**82·8**	12 30	**86·8**	4 32	77·3	30
83·1	82·6	81·8	81·0	80·7	80·2	80·0	79·9	79·8	80·8					Mean.
+2·3	+1·8	+1·0	+0·2	—0·1	—0·6	—0·8	—0·9	—1·0						Variation.

OCTOBER.

85·0	84·0	83·0	82·1	82·0	81·8	81·6	81·5	81·4	81·2	14 45	86·0	2 50	75·7	1
84·5	83·8	82·5	81·6	81·4	81·3	81·4	81·2	81·4	82·3	13 30	85·1	6 14	80·2	2
84·7	83·8	82·6	81·8	81·5	81·4	81·3	81·3	80·9	82·0	14 2	85·5	2 0	80·2	3
84·3	83·3	82·3	81·6	81·5	81·4	81·2	81·0	80·9	82·2	14 2	85·4	4 10	80·1	4
81·3	81·5	80·8	79·8	79·0	78·5	78·4	79·1	79·4	79·8	16 4	82·1	8 12	78·0	5
84·6	84·3	83·0	81·8	81·5	81·4	81·0	80·6	80·3	81·2	15 35	85·0	4 2	78.2	6
84·2	83·2	82·4	81·9	81·5	81·3	80·9	80·6	80·4	81·6	12 20	85·3	4 5	78·6	7
84·8	84·0	82·8	82·0	81·6	81·4	81·2	81·0	80·6	82·0	14 4	85·8	4 55	79·1	8
85·0	84·3	83·0	82·2	81·6	81·5	81·4	81·3	80·9	82·3	13 50	86·5	6 40	80·4	9
86·3	85 4	84·3	83·5	83·2	82·8	82·5	82·2	81·6	82·9	13 26	87·0	4 58	79·4	10
86·7	85·6	84·3	83·0	82·5	82·1	81·6	81·2	80·8	82·8	14 50	87·5	5 30	80·2	11
84·4	83·5	82·3	81·3	80·6	80·4	79·8	79·2	78·4	81·6	13 22	85·5	23 58	78·3	12
84·7	84·3	82·7	81·4	80·9	80·5	80·3	79·3	78·9	80·9	15 0	85·0	2 10	77·4	13
84·4	83·7	82·8	81·	81·6	81·5	81·4	80·9	80·5	81·2	14 8	85·5	2 40	77·4	14
87·4	86·9	85·5	84·3	83·6	83·0	82·3	82·1	81·5	82·9	16 12	87·5	6 10	78·6	15
90·6	88·9	86·7	85·2	84·6	83·7	83·4	82·5	81·7	**85·0**	13 42	**93·4**	6 0	80·3	16
87·5	86·1	84·3	83·3	82·9	82·4	81·8	80·8	79·7	82·8	11 56	89·4	6 30	77·4	17
84·3	83·2	81·6	80·6	80·5	80·4	79·9	79·5	79·3	80·7	12 48	85·3	5 32	76·4	18
83·5	82·1	80·7	79·6	79·1	78·5	78·3	77·6	77·5	79·5	14 40	84·5	4 56	75·?	19
82·3	81·3	79·9	79·4	78·7	78·0	77·5	76·5	76·4	**78·4**	13 30	83·0	6 34	74·2	20
82·7	81·9	81·0	80·2	79·8	79·1	78·5	77·8	77·5	78·7	13 50	83·4	5 35	**73·4**	21
82·4	81·2	80·3	79·9	79·8	79·5	79·5	78·8	77·9	79·4	13 30	84·2	6 10	74·8	22
83·4	82·2	80·8	80·0	79·6	79·3	78·9	78 6	78·3	80·1	14 42	84·5	1 15	76·9	23
83·4	81·8	80·5	79·6	79·6	78·6	78·3	77·7	77·2	79·6	15 0	83·9	2 32	76·9	24
84·3	83·1	81·5	80·6	79·8	79·0	78·4	78·3	78·1	79·9	14 20	84·5	0 32	76·5	25
83·8	82·5	81·4	80·7	80·5	80·2	79·6	79·3	78·7	80·5	14 12	85·0	6 24	76·8	26
84·3	82·7	81·4	80·9	80·8	80 7	80·6	80·5	80·4	81·2	12 50	85·0	1 0	78·4	27
86·7	84·8	83·4	82·6	82·3	81·2	80·4	80·2	79·9	82·1	13 40	87·9	6 35	76·6	28
88·4	86·0	83·9	82·7	82·0	81·3	80·4	79·2	78·6	81·9	14 50	89·7	5 20	76·7	29
85·9	84·4	82·9	81·7	81·3	80·5	79·7	77·9	76·8	80·2	12 42	86·5	6 20	74·5	30
84·5	83·1	81·8	81·3	80·5	79·5	78·9	77·8	77·1	79·7	12 35	87·6	5 56	74·3	31
84·8	83·8	82·5	81·6	81·1	80·7	80·3	79·9	79·5	81·2					Mean.
+3·6	+2·6	+1·3	+0·4	—0·1	—0·5	—0·9	—1·3	—1·7						Variation.

NOVEMBER.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)
(IN DEGREES FAHRENHEIT.)

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	76·0	74·9	74·3	74·3	73·9	73·7	73·7	74·7	77·0	79·0	81·9	84·7	86·4	86·9	86·9
2	76·0	75·6	74·5	73·7	73·5	73·7	73·7	74·7	77·2	79·0	81·2	83·0	86·0	87·4	87·4
3	76·1	75·7	75·6	75·0	74·4	74·4	73·8	74·6	76·9	78·9	82·1	84·9	86·0	86·0	87·0
4	76·2	75·0	74·4	74·3	73·6	73·5	73·5	75·0	77·5	79·7	82·5	84·8	87·5	89·2	87·4
5	75·8	75·4	74·7	74·8	75·2	76·2	76·7	78·3	80·1	82·0	84·7	87·0	89·6	90·7	91·6
6	75·6	75·6	74·8	75·0	75·2	74·9	74·7	76·6	79·2	81·5	83·4	85·0	86·5	86·0	85·7
7	75·7	76·2	75·5	75·5	75·5	75·6	76·1	76·8	79·5	82·1	85·5	87·0	88·2	89·4	90·3
8	77·1	77·3	77·4	77·3	77·0	76·0	75·0	76·4	79·7	81·6	83·5	85·1	87·0	86·1	85·2
9	77·3	77·0	76·5	76·5	76·4	76·5	76·5	77·2	79·9	82·0	84·3	86·5	89·0	89·7	89·4
10	80·1	80·0	79·7	79·5	79·3	79·0	79·0	79·8	81·2	82·5	84·5	86·2	87·5	87·8	88·0
11	79·0	79·0	78·5	78·0	77·4	76·5	76·6	78·1	79·7	81·5	83·5	85·0	85·5	86·0	85·5
12	78·0	77·5	77·2	76·5	76·3	76·5	75·7	76·2	78·9	80·3	82·0	83·0	84·0	84·5	84·1
13	76·5	75·7	75·0	74·5	74·1	74·0	73·1	74·7	77·5	79·5	81·5	83·0	83·5	83·5	83·4
14	74·3	73·5	72·8	72·3	71·5	71·1	70·5	72·5	75·5	77·5	80·0	80·6	81·3	81·3	81·5
15	71·7	71·8	71·6	71·5	70·8	69·8	69·7	71·5	73·3	76·0	78·0	79·2	80·4	81·0	81·2
16	73·8	73·0	72·6	72·5	72·1	72·4	72·0	73·0	75·0	77·0	79·0	80·0	81·0	81·3	81·5
17	73·5	73·5	73·5	73·5	73·2	72·7	72·5	74·0	76·5	78·5	81·7	83·8	83·8	84·3	83·9
18	76·1	75·4	75·4	75·3	75·0	74·6	74·5	75·8	78·1	80·2	82·8	86·0	85·2	85·0	84·4
19	76·5	75·6	76·1	76·4	76·5	76·5	76·5	77·5	79·7	82·5	85·5	88·2	91·0	**92·0**	91·4
20	78·9	79·9	78·5	77·9	77·2	75·6	75·9	77·0	79·1	81·0	83·1	84·8	85·5	85·3	84·8
21	73·8	74·2	73·5	73·6	73·0	72·5	72·3	73·0	74·9	76·7	79·9	82·0	84·0	84·5	84·8
22	72·0	71·9	71·3	72·0	71·4	71·0	70·8	71·3	72·5	74·1	77·5	79·0	80·3	81·7	82·7
23	73·2	72·0	73·0	70·8	70·0	69·6	70·2	70·7	72·5	74·7	77·5	79·1	81·0	81·2	81·5
24	71·1	71·0	70·5	70·1	69·5	69·7	69·2	70·3	72·0	74·1	76·1	78·5	79·7	80·5	80·9
25	70·5	70·9	70·9	70·5	70·5	69·7	69·3	70·0	72·1	74·0	76·5	78·1	79·5	80·5	80·1
26	71·9	71·6	71·4	71·2	71·0	70·5	70·2	71·0	72·3	74·0	76·4	77·8	79·2	79·7	80·0
27	71·1	71·0	70·5	70·3	69·8	69·6	69·7	71·2	72·5	74·1	76·0	77·4	78·2	79·0	78·9
28	71·5	70·6	70·5	69·8	69·3	68·9	**68·7**	70·5	72·3	73·9	76·0	77·5	79·1	79·9	79·9
29	72·1	71·9	71·6	71·7	70·8	71·2	71·5	72·1	73·8	75·1	77·1	80·5	82·1	82·9	82·8
30	74·2	74·0	72·3	73·5	72·7	72·5	72·4	72·7	74·9	77·2	80·0	82·0	83·7	84·0	84·1
Mean .	74·9	74·5	74·2	73·9	73·5	73·3	**73·1**	74·2	76·4	78·3	80·8	82·7	84·1	**84·6**	84·5
Variation .	—3·1	—3·5	—3·8	—4·1	—4·5	—4·7	**—4·9**	—3·8	—1·6	+0·3	+2·8	+4·7	+6·1	**+6·6**	+6·5

DECEMBER.

1	73·8	72·9	72·8	72·5	70·9	71·2	71·4	72·5	73·6	75·7	78·4	80·0	82·5	82·9	82·9
2	73·3	73·6	72·6	72·0	70·7	70·8	71·6	71·7	73·5	75·2	78·5	80·5	83·2	84·5	83·5
3	72·6	71·9	71·7	72·1	71·5	70·7	70·6	72·1	74·2	76·5	79·0	80·7	82·8	83·5	83·5
4	73·2	72·6	71·5	71·3	70·9	70·0	69·8	71·0	73·0	74·8	77·5	80·0	82·5	83·4	83·6
5	72·8	72·2	71·5	70·5	70·4	69·7	69·0	70·0	71·5	73·5	76·5	78·5	81·2	80·8	81·7
6	71·5	71·6	70·7	70·5	70·4	69·7	69·0	69·5	71·0	73·2	76·5	79·0	81·5	83·3	83·0
7	73·5	72·5	71·8	71·0	69·7	69·6	69·4	69·2	71·2	73·3	76·0	78·5	79·7	80·6	80·8
8	73·5	74·0	73·0	71·8	71·5	71·0	70·6	71·6	73·8	75·6	77·7	80·0	81·7	81·6	81·5
9	74·3	74·5	74·0	73·0	73·0	73·6	73·5	74·3	76·2	78·2	81·0	81·5	81·7	82·5	82·6
10	75·2	74·5	74·0	73·5	73·2	73·0	72·5	73·5	76·1	78·3	80·1	81·3	82·9	83·3	82·7
11	75·9	75·7	75·5	74·7	74·7	74·6	73·5	75·0	77·1	79·1	81·1	82·7	82·6	82·6	82·8
12	75·4	76·2	75·2	74·1	74·7	74·4	73·9	73·6	75·9	78·0	80·0	81·4	81·4	81·5	81·2
13	71·6	71·6	72·1	71·5	71·0	70·0	68·5	69·9	72·9	75·7	78·0	79·4	80·6	80·7	80·5
14	72·5	71·5	70·7	70·1	69·5	69·3	69·1	69·2	72·2	74·9	77·2	78·2	79·5	79·6	79·6
15	70·0	70·5	69·7	69·1	68·8	68·8	68·3	69·6	72·1	74·5	76·7	78·2	79·4	79·4	79·3
16	71·7	70·5	69·3	69·2	68·7	68·2	68·2	70·1	72·1	74·2	76·4	77·8	78·9	79·4	79·6
17	72·3	70·6	69·5	69·3	68·6	68·4	68·5	69·0	70·5	72·6	74·9	76·2	78·0	78·3	78·3
18	70·2	69·0	67·9	67·0	66·0	**65·6**	67·0	68·1	70·5	73·5	77·0	79·2	81·7	81·0	81·0
19	70·5	70·3	70·4	70·0	70·0	69·8	69·7	71·1	73·0	75·5	78·5	81·0	83·4	81·6	80·9
20	72·1	70·7	70·5	70·7	70·3	69·5	68·7	69·1	72·0	75·0	77·1	78·5	80·1	79·9	80·0
21	72·6	72·1	71·2	72·3	72·1	71·0	69·7	70·5	73·5	76·5	79·2	81·0	80·9	81·3	81·1
22	74·6	74·2	73·5	73·4	73·1	72·3	72·2	72·7	75·2	76·5	79·2	80·4	82·3	83·3	83·4
23	72·9	72·3	71·7	71·0	71·4	71·0	70·4	71·6	74·5	76·5	79·6	82·5	84·6	84·0	82·2
24	72·3	71·5	70·9	71·0	72·0	71·6	70·7	70·7	73·2	76·2	78·5	80·7	83·8	84·8	82·9
25	72·0	71·3	71·3	71·5	71·2	70·7	71·2	71·7	73·5	75·9	78·5	81·0	84·5	**86·2**	83·4
26	71·5	70·9	71·5	71·4	71·2	70·8	71·0	71·5	72·7	74·5	78·4	80·7	82·4	83·0	82·1
27	70·4	69·5	68·8	68·9	68·5	68·8	68·5	68·9	70·1	72·0	74·5	76·5	78·2	79·9	80·8
28	69·5	69·5	69·4	68·4	67·2	67·2	66·6	67·1	68·4	69·8	72·4	74·5	76·4	77·9	78·2
29	68·8	68·1	68·5	68·4	67·6	67·4	67·4	67·6	69·8	72·2	75·4	77·9	81·2	82·7	80·7
30	70·4	69·8	69·0	68·5	68·4	67·6	67·5	68·2	70·5	72·5	76·4	79·5	82·4	84·0	82·0
31	70·2	69·5	69·1	68·6	68·6	68·6	68·1	68·5	71·6	73·9	77·2	79·0	80·0	80·1	80·1
Mean .	72·3	71·8	71·3	70·9	70·5	70·2	**69·9**	70·6	72·8	75·0	77·7	79·6	81·4	**81·9**	81·5
Variation .	—2·9	—3·4	—3·9	—4·3	—4·7	—5·0	**—5·3**	—4·6	—2·4	—0·2	—2·5	+4·4	+6·2	**+6·7**	**+6·3**

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

NOVEMBER. (IN DEGREES FAHRENHEIT.)

Hours.									Mean.	Maximum.			Minimum.			Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		Time.		Mag.	Time.		Mag.	
										H.	M.		H.	M.		
86·4	84·0	82·1	81·1	80·3	79·3	78·3	78·7	77·4	79·4	13	24	87·0	6	10	73·6	1
86·4	84·0	82·2	81·0	80·3	79·6	78·5	77·1	77·3	79·3	13	50	88·9	4	35	73·4	2
86·1	84·0	81·9	80·8	80·2	79·3	77·9	76·3	76·4	79·3	14	30	87·6	6	35	73·6	3
83·6	82·0	81·0	80·5	80·0	79·5	78·0	76·6	75·8	79·2	14	8	90·2	6	0	73·3	4
88·1	83·6	81·6	80·4	79·8	79·5	79·0	78·0	76·5	80·8	14	10	91·8	2	40	74·5	5
84·8	82·9	80·9	80·0	79·8	78·9	78·2	77·2	76·0	79·5	12	10	87·0	6	20	74·6	6
87·6	83·5	81·5	80·3	79·7	79·2	78·2	77·5	77·1	80·6	15	20	91·0	0	40	75·4	7
84·0	82·5	81·0	80·6	80·5	80·3	79·8	78·9	78·2	80·3	14	36	87·6	7	5	74·8	8
87·9	85·2	83·0	82·1	81·5	80·8	80·8	80·9	80·5	81·6	13	33	96·5	4	25	76·3	9
87·3	85·2	83·5	82·1	81·5	81·2	80·5	79·5	79·2	**82·3**	13	40	88·2	6	35	78·9	10
85·1	83·5	82·0	81·2	80·5	80·1	79·5	79.0	78·7	80·8	13	50	86·2	5	40	76·4	11
83·7	82·1	80·9	80·0	79·6	79·5	79·0	77·0	76·2	79·5	13	36	85·0	6	42	75·4	12
82·8	82·0	81·0	79·9	79·5	78·9	78·1	77·0	76·0	78·5	12	45	84·5	6	25	73·0	13
81·0	79·5	78·0	77·3	76·8	76·4	75·6	74·1	73·0	76·2	12	30	82·3	6	32	70·4	14
80·9	79·0	78·0	77·4	77·1	77·0	76·4	75·0	74·1	75·5	13	56	82·0	6	20	69·5	15
81·5	80·3	79·0	78·5	77·0	76·0	75·4	74·6	74·0	76·4	15	10	82·2	6	30	71·9	16
82·5	80·7	79·5	79·2	79·3	78·9	78·5	77·5	76·9	78·0	13	44	84·5	6	15	72·4	17
83·1	81·4	80·1	79·5	79·5	79·4	79·0	77·8	77·0	79·2	11	50	87·0	6	0	74·4	18
88·1	84·9	82·6	82·2	82·3	81·5	80·5	79·2	78·4	81·7	14	5	**92·6**	2	0	75·0	19
84·0	82·0	80·0	79·4	78·9	78·0	76·7	75·1	74·1	79·7	12	40	85·6	23	58	74·0	20
83·0	80·8	79·0	77·7	77·3	75·9	74·5	73·4	72·4	76·9	14	10	85·4	6	50	72·0	21
82·5	81·0	79·0	77·6	76·6	76·5	74·5	73·5	73·3	75·5	15	0	83·6	6	10	70·6	22
81·3	79·4	78·0	77·0	76·3	75·0	73·3	71·8	72·4	75·1	13	40	82·8	5	10	69·5	23
80·5	79·0	77·3	76·5	75·9	75·5	75·0	73·0	71·5	74·5	13	55	81·6	5	10	69·1	24
79·5	77·9	76·5	75·5	74·8	74·2	74·0	72·7	72·3	74·2	13	30	81·0	6	24	69·2	25
80·1	79·0	77·2	76·1	75·6	74·3	73·3	72·1	71·3	74·5	15	10	80·8	6	20	69·6	26
78·7	77·5	76·5	75·5	74·9	74·1	73·5	73·0	72·5	**74·0**	14	24	79·4	6	25	69·5	27
79·2	78·0	77·2	76·6	76·4	75·8	75·4	74·0	72·8	74·3	14	5	80·5	6	30	**68·2**	28
82·0	80·5	79·1	78·5	77·7	77·1	75·9	74·8	74·5	76·1	14	10	84·3	4	50	69·8	29
83·0	81·5	79·7	79·0	78·3	77·3	76·0	74·6	74·5	77·3	14	15	84·5	7	0	72·3	30
83·5	81·6	80·0	79·1	78·6	77·9	77·1	76·0	75·3	78·0							Mean.
+5·5	+3·6	+2·0	+1·1	+0·6	—0·1	—0·9	—2·0	—2·7								Variation.

DECEMBER.

82·6	81·5	80·0	78·9	77·8	76·8	75·7	74·5	73·6	76·5	13	8	83·0	4	22	70·8	1
82·5	81·5	79·0	78·4	77·4	75·9	75·6	74·0	73·2	76·4	13	5	84·6	6	55	69·4	2
83·1	81·0	79·0	78·3	77·6	76·8	75·7	73·8	73·0	76·3	12	58	84·0	6	32	70·5	3
84·0	81·8	79·5	78·0	77·0	75·2	74·0	73·0	72·8	75·9	15	15	84·1	6	28	68·8	4
81·0	80·4	78·7	77·2	76·1	75·3	73·8	72·5	71·4	74·8	14	35	82·0	6	40	68·9	5
83·1	81·5	79·6	77·4	76·0	74·8	74·5	74·5	74·3	75·3	13	32	83·6	6	2	68·8	6
80·4	79·2	77·8	77·0	76·6	76·2	75·6	74·2	73·0	74·9	14	15	81·5	7	40	68·8	7
81·6	80·5	79·0	78·0	77·4	76·8	75·9	74·6	74·0	76·1	12	20	82·0	6	32	70·5	8
82·4	80·8	79·3	78·4	77·7	77·2	77·3	76·6	76·2	77·5	13	4	83·5	3	56	72·0	9
82·5	80·9	79·5	78·5	78·2	77·2	77·3	76·7	76·5	77·6	13	25	83·6	6	36	72·4	10
82·5	81·3	79·6	79·0	78·6	77·9	77·4	76·5	75·6	**78·2**	11	36	83·1	6	50	73·4	11
81·0	80·0	78·5	77·6	77·1	76·0	74·5	73·5	72·6	76·9	14	0	82·0	23	58	72·5	12
80·4	78·9	77·4	76·5	76·4	75·6	74·5	73·6	73·3	75·0	12	56	81·1	7	2	68·4	13
78·9	77·2	76·2	75·9	75·8	75·4	74·3	73·0	72·2	74·3	13	40	80·8	6	12	68·4	14
78·9	77·9	76·5	75·6	75·5	75·0	74·0	73·0	72·6	73·9	12	58	80·0	6	40	68·2	15
78·9	77·1	76·0	75·3	75·1	74·9	74·5	74·4	73·5	73·9	14	5	80·5	6	20	68·1	16
77·8	76·5	75·2	74·5	74·2	72·7	72·0	70·9	70·4	72·9	14	40	78·8	5	0	68·2	17
79·8	77·5	75·9	75·1	75·1	74·2	73·0	71·9	70·7	73·2	12	40	81·9	5	46	**65·2**	18
79·7	78·2	76·8	75·8	75·4	74·8	74·0	73·0	72·3	74·8	13	4	84·4	1	52	69·6	19
79·1	78·1	76·9	76·3	75·6	75·1	74·5	73·0	72·5	74·4	14	58	80·5	7	0	68·6	20
80·6	79·6	78·5	77·5	76·9	76·5	75·9	75·2	74·9	75·9	13	24	81·6	6	42	69·5	21
82·3	80·5	78·8	77·5	76·3	75·3	75·1	74·9	73·3	76·7	13	6	84·4	6	0	72·0	22
81·0	79·3	78·0	77·0	76·5	75·8	75·1	73·7	72·7	76·1	13	20	85·0	6	24	70·3	23
81·3	79·3	78·0	76·8	76·1	75·2	74·6	74·7	73·9	75·9	13	20	85·0	7	0	70·5	24
80·8	79·2	78·0	76·2	75·7	75·4	74·8	73·7	72·6	75·8	13	30	**86·4**	5	36	70·2	25
79·9	78·2	77·0	76·0	75·5	75·0	74·1	72·5	71·4	75·1	14	10	84·8	1	10	70·5	26
80·0	77·8	76·0	75·0	74·1	73·2	72·0	70·5	70·2	73·0	14	20	80·9	6	32	68·4	27
78·2	77·0	75·7	74·5	73·5	72·5	71·3	69·9	69·7	**71·9**	15	0	79·0	4	10	66·4	28
79·2	77·8	76·1	75·0	74·5	73·9	72·2	70·6	70·5	73·1	13	42	83·0	7	10	67·2	29
80·0	77·2	76·5	75·3	74·6	73·9	72·7	71·3	70·6	73·7	13	30	85·4	6	0	68·0	30
80·0	79·3	77·3	76·3	75·7	75·5	75·0	74·0	73·4	74·1	12	34	80·6	6	36	67·8	31
80·8	79·3	77·8	76·7	76·1	75·4	74·5	73·5	72·8	75·2							Mean.
+5·6	+4·1	+2·6	+1·5	+0·9	+0·2	—0·7	—1·7	—2·4								Variation.

JANUARY. (THE FIGURES REPRESENT PERCENTAGES.)

Date.	Hours.												
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13
1	87	87	86	86	86	83	89	88	84	80	73	69	65
2	86	86	87	86	88	83	83	85	82	80	80	78	77
3	88	91	93	93	91	91	91	92	91	93	95	95	88
4	92	91	90	91	90	92	92	93	92	88	83	79	70
5	77	82	83	85	87	85	85	85	85	81	75	66	62
6	65	70	69	66	54	54	55	62	64	63	54	53	54
7	60	58	62	52	51	59	58	54	50	46	47	51	51
8	69	65	64	67	58	57	56	57	51	60	45	46	46
9	61	65	68	67	66	65	65	65	58	55	54	48	49
10	68	68	64	67	69	67	72	73	71	69	61	53	63
11	78	85	85	81	80	80	77	76	74	69	62	56	52
12	78	77	76	82	88	87	82	80	76	70	61	63	62
13	82	81	76	70	64	60	64	62	56	55	54	52	52
14	64	69	74	78	74	70	67	73	69	64	61	53	57
15	80	79	79	81	82	81	79	81	77	75	64	60	65
16	79	84	79	75	73	75	76	77	63	61	66	66	64
17	75	73	76	77	72	70	67	67	62	63	62	64	64
18	76	71	68	66	67	68	69	70	60	57	58	59	59
19	77	76	76	75	72	68	67	62	58	51	49	51	49
20	62	63	65	72	67	62	70	72	62	53	57	47	50
21	60	66	77	73	72	69	59	53	58	65	62	52	51
22	77	70	70	70	65	74	68	71	75	67	62	45	40
23	81	83	83	81	78	78	74	73	73	69	65	57	58
24	65	66	68	63	64	57	47	57	60	53	50	51	51
25	56	75	67	53	54	51	55	70	64	58	56	55	51
26	64	59	61	69	67	65	65	67	68	64	56	48	47
27	84	79	79	76	75	79	79	77	75	73	62	62	55
28	84	80	78	76	77	77	76	77	76	72	66	61	55
29	73	77	80	76	74	79	90	89	90	90	90	88	85
30	88	87	87	88	88	89	90	90	88	86	82	79	77
31	89	88	90	90	91	90	90	91	92	87	82	79	75
Mean .	75·0	75·8	76·1	75·2	73·7	73·1	72·8	73·8	71·1	68·2	64·4	60·8	59·2
Mean† Vapour Pressure in inches of mercury.	" ·604	" ·602	" ·596	" ·583	" ·566	" ·553	" ·541	" ·561	" ·574	" ·587	" ·594	" ·593	" ·603

FEBRUARY.

1	80	84	84	83	85	85	87	86	79	77	67	60	57
2	77	80	74	73	75	77	76	76	77	74	71	67	69
3	*	*	*	*	*	*	*	*	*	*	*	*	*
4	*	*	*	*	*	*	*	*	*	*	*	*	*
5	73	75	73	68	72	75	73	73	72	70	63	62	59
6	84	85	85	81	82	82	80	83	77	76	73	66	62
7	58	55	57	54	58	59	61	60	56	56	52	49	57
8	62	58	56	62	66	67	60	64	67	61	56	54	66
9	80	82	85	88	88	88	84	74	69	75	70	63	63
10	68	66	67	65	73	71	70	68	56	50	56	62	60
11	68	77	70	68	63	56	54	56	61	55	52	57	59
12	82	82	76	77	77	81	79	81	71	65	59	66	67
13	85	86	86	84	81	81	81	79	75	71	62	63	69
14	79	78	74	70	63	57	63	60	59	55	52	55	58
15	56	62	62	62	61	64	63	64	60	61	55	49	50
16	73	74	80	81	83	80	74	71	67	69	58	61	61
17	72	61	56	60	69	72	69	60	48	54	46	48	47
18	65	70	77	80	81	80	74	74	62	60	63	66	58
19	85	81	72	81	80	70	71	75	75	65	63	63	56
20	82	85	86	87	87	91	87	86	80	72	69	66	66
21	84	85	85	84	86	88	85	83	82	78	73	70	71
22	84	83	89	89	88	89	89	88	85	80	75	71	70
23	86	86	88	89	91	92	90	90	86	79	77	76	75
24	69	76	83	77	70	67	72	78	66	63	58	56	58
25	80	88	90	91	93	87	85	80	72	64	54	45	53
26	92	91	91	90	91	90	89	81	80	80	79	76	74
27	91	92	92	93	89	90	89	88	86	82	78	76	73
28	85	89	91	90	88	89	86	81	73	68	62	60	63
Mean .	76·9	78·0	78·2	78·2	78·6	78·0	76·6	75·3	70·6	67·4	62·9	61·6	62·1
Mean† Vapour Pressure in inches of mercury.	" ·662	" ·665	" ·658	" ·651	" ·643	" ·629	" ·611	" ·612	" ·622	" ·632	" ·632	" ·644	" ·671

* Record lost as the thermograph was under inspection.
† Computed from mean temperatures and mean relative humidities.

JANUARY. (THE FIGURES REPRESENT PERCENTAGES.)

Hours. 13—14	14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.	† Mean Vapour Pressure.	Date.
												"	
63	63	62	68	73	77	80	81	83	84	86	78·5	·686	1
76	75	77	82	87	89	89	88	89	90	88	83·8	·713	2
88	86	84	84	84	84	84	86	88	90	90	89·2	·773	3
63	61	57	62	65	63	61	62	65	72	74	77·0	·674	4
58	57	60	61	64	62	60	64	72	70	65	72·1	·612	5
53	56	56	60	63	66	66	62	63	61	63	60·5	·497	6
50	51	55	59	63	64	66	67	63	58	64	56·6	·460	7
46	51	54	51	52	52	51	54	60	61	61	55·6	·436	8
52	52	51	53	58	63	64	65	68	68	67	60·3	·452	9
55	59	60	66	70	74	74	70	69	74	74	66·7	·531	10
51	64	66	69	74	76	79	79	80	81	81	73·1	·635	11
59	62	66	71	74	80	81	80	82	82	82	75·0	·654	12
53	53	56	58	61	67	68	70	69	69	68	63·3	·547	13
62	64	66	69	70	73	65	64	71	79	82	68·3	·602	14
69	74	74	76	78	82	83	83	82	80	78	76·7	·744	15
67	72	72	66	71	69	70	66	63	70	77	70·9	·654	16
67	66	65	67	69	66	67	60	62	62	68	67·0	·612	17
61	62	60	60	61	66	66	68	70	75	78	65·6	·565	18
50	54	57	59	54	52	56	62	64	62	62	61·0	·496	19
55	57	60	58	60	63	65	65	61	63	68	61·5	·494	20
54	56	59	64	71	71	70	72	73	73	78	64·9	·519	21
42	50	61	71	77	81	81	74	73	75	79	67·4	·598	22
62	64	65	66	71	72	71	71	70	58	57	70·0	·602	23
56	60	62	62	61	63	64	62	55	54	54	58·5	·500	24
48	54	57	59	65	71	73	68	62	64	64	60·4	·516	25
51	51	57	71	77	73	74	69	72	68	72	64·1	·620	26
61	69	72	75	78	79	77	76	80	84	86	74·7	·763	27
60	68	74	77	80	82	79	76	75	74	75	74·0	·754	28
82	80	84	83	83	89	89	89	88	88	90	84·4	·729	29
75	76	77	81	82	85	86	89	90	90	90	85·0	·736	30
70	70	68	65	67	70	73	75	73	65	71	79·2	·675	31
60·0	62·5	64·3	66·9	69·8	71·8	72·0	71·5	72·1	72·4	73·9	69·9	·609	Mean.
"	"	"	"	"	"	"	"	"	"	"			Mean † Vapour Pressure in inches of mercury.
·623	·649	·658	·660	·655	·652	·643	·626	·615	·600	·603			

FEBRUARY.

58	52	52	52	49	55	62	68	70	72	74	70·0	·594	1
*	*	*	*	*	*	*	*	*	*	*	..	..	2
*	*	*	*	*	*	*	*	*	*	*	..	..	3
61	63	64	69	69	72	72	75	74	70	70	..	..	4
57	58	61	69	73	74	69	73	69	71	79	69·2	·600	5
61	70	67	63	63	67	67	63	57	56	65	71·5	·645	6
58	58	51	55	62	67	70	71	69	64	63	59·2	·540	7
63	61	64	70	73	79	81	83	82	82	81	67·4	·592	8
68	67	66	73	78	81	79	79	82	78	72	76·3	·681	9
63	63	60	62	65	68	65	67	72	68	69	64·7	·583	10
64	68	69	70	74	77	78	74	72	79	82	66·8	·639	11
71	70	71	73	76	80	81	85	87	84	85	76·1	·731	12
65	65	70	68	72	73	75	77	75	82	79	75·2	·706	13
59	62	65	64	66	66	68	63	65	63	57	63·4	·617	14
56	51	54	57	63	67	70	80	79	78	74	62·4	·615	15
63	60	59	63	68	68	70	65	65	57	59	67·9	·625	16
46	51	55	59	62	66	68	67	69	64	63	59·7	·551	17
61	59	63	67	67	72	77	78	81	82	84	70·9	·620	18
55	56	57	61	68	67	69	72	77	80	83	70·1	·615	19
59	60	58	57	59	62	67	70	72	79	81	73·7	·649	20
69	67	67	69	76	77	78	80	82	83	85	78·6	·699	21
71	70	73	76	79	81	81	81	82	81	86	80·9	·744	22
71	73	75	75	76	74	71	70	67	65	67	78·7	·746	23
61	62	66	67	69	68	69	67	63	62	64	67·1	·702	24
66	77	70	66	65	73	79	79	82	90	91	75·8	·806	25
74	70	70	72	77	82	86	89	91	92	91	83·3	·837	26
72	71	68	71	74	78	80	82	82	84	87	82·0	·795	27
69	64	65	69	71	73	76	75	75	79	77	74·7	·761	28
63·2	63·4	63·8	65·9	69·0	71·8	73·4	74·3	74·7	75·0	75·8	71·5	‡·668	Mean.
"	"	"	"	"	"	"	"	"	"	"			Mean † Vapour Pressure in inches of mercury.
·698	·705	·698	·698	·696	·696	·698	·692	·685	·670	·669			

* Record lost as the thermograph was under inspection.
† Computed from mean temperatures and mean relative humidities.
‡ Mean of 25 days.

MARCH. (THE FIGURES REPRESENT PERCENTAGES.)

Date.	Hours.												
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13
1	76	81	82	80	80	79	84	80	76	76	72	70	71
2	82	84	86	84	83	81	83	73	70	76	74	72	71
3	83	86	87	82	81	84	87	84	81	74	67	67	67
4	88	89	89	90	90	92	91	90	88	82	71	69	67
5	90	90	89	88	91	90	89	85	82	75	74	74	73
6	82	82	84	86	88	90	89	84	81	78	77	74	72
7	84	84	84	84	83	82	79	74	73	71	70	65	63
8	72	73	73	72	74	76	77	76	72	66	62	61	55
9	69	74	73	74	72	74	73	63	65	62	52	47	44
10	48	49	62	70	71	66	70	67	61	61	54	52	51
11	72	70	69	71	74	74	76	78	74	70	69	68	67
12	84	84	85	87	88	89	88	88	84	80	77	75	72
13	80	80	79	78	78	82	85	78	77	74	73	67	64
14	81	81	81	81	82	83	85	85	79	77	72	67	67
15	82	81	79	77	76	77	80	78	73	70	68	65	63
16	78	79	80	81	82	84	84	81	75	74	71	65	63
17	70	70	68	69	71	71	74	74	70	65	62	60	55
18	78	77	75	77	81	79	79	80	76	73	66	63	60
19	82	86	83	83	82	82	79	78	72	69	67	66	63
20	76	76	76	76	76	76	79	78	72	62	61	60	60
21	71	71	70	72	75	75	76	72	67	66	65	63	59
22	75	73	69	71	74	74	71	69	67	59	56	52	51
23	72	75	77	77	73	70	67	63	59	48	42	45	53
24	63	67	67	68	66	64	63	63	41	47	42	43	50
25	73	73	79	81	81	81	78	73	58	54	51	53	55
26	85	83	86	86	88	85	81	71	65	62	52	54	56
27	86	86	80	77	77	82	84	86	77	75	73	68	54
28	80	81	79	80	84	84	86	82	78	70	63	61	62
29	71	73	74	76	78	80	80	77	67	63	62	61	61
30	82	84	81	79	81	83	81	73	64	64	63	62	59
31	82	84	86	87	87	88	88	84	75	74	69	63	61
Mean .	77·3	78·4	78·5	78·8	79·5	79·8	80·2	77·0	71·7	68·3	64·4	62·3	61·0
Mean* Vapour Pressure in inches of mercury.	" ·711	" ·714	" ·708	" ·701	" ·698	" ·693	" ·692	" ·699	" ·697	" ·700	" ·694	" ·695	" ·698

APRIL.

1	80	80	82	84	85	86	86	83	80	77	73	67	62
2	79	78	78	78	77	77	77	75	69	66	65	63	60
3	75	76	77	78	80	81	79	76	73	69	67	65	62
4	79	81	82	82	82	83	84	82	76	73	70	68	76
5	73	75	77	77	78	79	78	75	70	66	61	58	59
6	78	79	77	75	76	80	81	79	74	69	60	64	63
7	76	76	77	75	75	75	78	77	74	70	67	63	60
8	77	79	80	81	81	84	84	82	75	67	66	64	62
9	76	76	77	75	76	78	78	78	72	67	63	61	59
10	63	64	62	60	61	61	59	62	59	51	51	50	51
11	72	71	73	73	73	73	73	70	69	64	64	61	59
12	76	76	76	74	75	74	73	70	68	66	62	61	63
13	76	76	76	78	76	77	77	74	73	68	63	62	63
14	68	66	69	70	70	72	70	67	64	62	59	54	54
15	55	59	60	62	64	71	75	72	67	58	56	54	54
16	69	70	71	71	74	77	77	74	71	68	66	63	61
17	82	80	79	78	76	76	78	74	72	68	66	63	61
18	72	69	70	71	71	71	70	67	63	62	59	57	57
19	65	63	63	63	64	63	65	62	58	57	54	54	53
20	72	72	71	71	69	71	73	73	64	60	55	51	52
21	60	60	61	61	62	63	63	58	57	54	52	50	48
22	56	57	59	59	60	65	65	62	58	55	54	52	51
23	62	63	66	68	68	71	70	68	64	59	57	58	57
24	71	71	73	75	77	79	77	72	68	62	55	57	54
25	80	79	81	80	82	82	84	78	62	60	64	62	59
26	75	74	74	72	76	75	65	62	56	50	56	57	61
27	73	78	80	82	76	68	69	66	53	57	62	62	54
28	84	84	84	83	84	83	83	83	77	74	70	70	67
29	83	84	85	85	86	85	83	81	77	73	71	68	67
30	80	81	82	82	80	82	82	78	79	73	70	68	66
Mean .	72·9	73·2	74·1	74·1	74·5	75·3	75·2	72·7	68·1	64·2	61·9	60·2	59·0
Mean* Vapour Pressure in inches of mercury.	" ·702	" ·698	" ·700	" ·693	" ·690	" ·693	" ·701	" ·717	" ·714	" ·705	" ·706	" ·710	" ·713

*Computed from mean temperatures and mean relative humidities.

MARCH. (THE FIGURES REPRESENT PERCENTAGES.)

Hours. 13—14	14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.	*Mean Vapour Pressure.	Date.
												"	
69	66	65	67	71	74	76	78	77	79	81	75·1	·766	1
70	66	60	59	61	67	72	78	82	82	83	75·0	·745	2
65	66	68	73	75	81	84	84	83	84	85	78·3	·772	3
67	68	70	71	75	81	80	82	84	86	89	81·2	·777	4
70	68	69	69	73	77	79	80	81	82	82	80·0	·778	5
71	67	67	61	67	72	74	72	75	77	80	77·1	·763	6
60	59	64	65	67	67	68	67	68	69	70	71·7	·709	7
50	49	47	50	53	55	58	62	63	65	67	63·7	·610	8
42	45	48	50	52	53	52	53	55	56	50	58·3	·565	9
52	52	48	49	52	59	62	64	67	73	76	59·8	·578	10
68	67	69	72	74	79	80	80	80	83	84	73·7	·715	11
71	70	70	73	78	81	80	81	82	80	80	80·3	·799	12
63	64	66	69	72	75	76	78	78	79	79	74·7	·771	13
65	65	66	69	73	78	78	80	81	82	82	76·7	·776	14
62	62	62	63	64	68	70	73	72	76	75	71·5	·691	15
61	59	61	64	67	73	75	76	73	72	72	72·9	·698	16
56	56	56	57	63	68	71	73	75	77	78	67·1	·634	17
63	64	64	67	70	74	75	77	80	80	81	73·3	·735	18
60	59	61	65	67	69	69	70	73	75	75	72·3	·720	19
63	55	55	56	55	46	45	49	57	64	67	64·2	·627	20
59	61	62	65	68	68	66	66	69	71	75	68·0	·670	21
54	59	62	59	56	58	59	63	65	64	66	63·3	·651	22
54	57	55	55	51	52	54	56	53	50	49	58·6	·603	23
55	57	57	59	62	65	66	63	63	70	72	59·8	·617	24
57	61	62	65	69	75	77	80	81	82	83	70·1	·726	25
61	65	65	69	74	75	77	80	80	83	84	73·7	·773	26
55	58	61	63	66	72	74	75	77	79	81	73·6	·757	27
59	46	55	58	57	60	64	64	67	69	71	69·2	·698	28
62	64	68	70	74	77	80	79	76	76	79	72·0	·729	29
62	62	65	65	68	70	69	74	75	78	80	71·8	·731	30
64	66	68	66	69	73	75	78	80	81	82	76·3	·780	31
61·0	60·7	61·8	63·3	65·9	69·1	70·5	72·1	73·3	75·0	76·1	71·1	·709	Mean.
" ·709	" ·708	" ·712	" ·706	" ·702	" ·699	" ·701	" ·706	" ·709	" ·711	" ·709			Mean* Vapour Pressure in inches of mercury.

APRIL.

60	60	61	64	67	72	75	78	79	80	80	75·0	·764	1
58	58	60	63	65	68	70	70	72	74	74	69·7	·689	2
63	62	64	65	69	73	76	77	78	79	79	72·6	·723	3
70	68	72	70	69	73	76	78	76	75	73	75·5	·777	4
60	62	64	66	69	73	72	73	73	75	77	70·4	·694	5
61	61	61	62	59	64	65	67	67	71	74	69·5	·696	6
59	60	61	62	66	71	73	73	75	75	76	70·6	·698	7
61	61	62	65	68	72	73	73	74	76	75	72·5	·717	8
59	59	59	60	62	64	66	65	64	65	65	67·7	·685	9
51	51	55	58	62	66	66	68	69	71	72	60·1	·626	10
59	59	59	61	65	69	70	73	72	75	76	68·0	·723	11
60	58	60	60	62	66	69	69	71	72	73	68·1	·740	12
63	62	63	64	66	69	73	73	73	70	60	70·2	·773	13
51	52	49	55	61	64	65	66	65	60	57	62·1	·675	14
53	59	61	62	68	67	63	62	64	66	68	62·5	·637	15
63	61	61	65	67	69	72	76	78	80	81	70·2	·727	16
59	69	59	62	64	67	68	69	68	70	71	69·6	·737	17
56	56	57	59	61	64	65	64	64	64	64	63·9	·672	18
54	53	55	56	59	64	67	68	70	73	73	61·5	·630	19
50	52	53	52	55	56	58	57	59	59	60	61·1	·643	20
47	46	46	45	46	47	50	51	53	55	55	52·7	·543	21
49	51	50	50	52	55	54	57	60	61	61	56·4	·567	22
51	49	49	49	50	52	54	59	64	66	67	60·0	·631	23
46	50	58	63	67	72	72	74	76	78	79	67·7	·715	24
61	59	57	68	70	63	67	71	73	73	75	70·4	·775	25
61	63	62	62	65	68	68	72	72	74	72	66·3	·757	26
55	55	57	58	62	69	73	77	79	81	82	67·8	·764	27
63	56	57	60	64	70	78	79	81	82	82	74·9	·849	28
67	66	67	68	71	75	79	81	81	82	80	76·9	·847	29
62	61	61	64	68	69	69	70	70	72	74	72·6	·797	30
57·7	57·7	58·7	60·6	63·3	66·4	68·2	69·7	70·7	71·8	72·1	67·6	·709	Mean.
" ·707	" ·709	" ·710	" ·712	" ·708	" ·701	" ·704	" ·705	" ·706	" ·708	" ·704			Mean* Vapour Pressure in inches of mercury.

*Computed from mean temperatures and mean relative humidities.

MAY. (THE FIGURES REPRESENT PERCENTAGES.)

Date.	Hours.												
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13
1	72	74	76	77	79	82	82	79	75	74	72	71	68
2	83	83	83	84	85	85	85	82	76	76	71	69	67
3	83	83	83	83	83	83	85	83	80	78	76	74	71
4	79	80	81	79	78	81	80	75	72	68	64	62	62
5	82	86	87	87	87	89	87	82	77	73	71	71	64
6	85	84	85	85	85	84	83	78	74	73	70	69	68
7	79	80	80	82	83	84	82	79	76	73	70	67	65
8	83	83	80	80	79	80	81	81	73	68	66	66	65
9	84	84	83	82	81	81	80	81	75	69	69	66	62
10	80	80	80	80	78	78	77	77	73	73	71	67	67
11	81	81	82	80	81	81	79	74	68	65	63	66	64
12	77	81	82	85	79	76	74	75	76	72	72	69	70
13	75	78	80	81	79	79	77	71	70	67	67	66	64
14	81	83	84	82	81	82	81	79	75	73	70	69	67
15	80	79	79	78	76	76	74	69	64	62	62	64	61
16	72	73	73	74	74	75	73	70	68	66	63	62	61
17	75	75	75	77	78	81	83	77	77	70	68	63	64
18	77	77	76	76	77	77	76	76	74	71	69	67	66
19	77	77	78	77	77	78	79	74	70	68	65	61	62
20	76	77	77	77	79	77	79	77	72	69	65	66	64
21	76	78	78	77	77	79	77	73	70	68	67	65	64
22	76	76	78	77	78	78	77	79	72	70	67	66	64
23	80	80	81	80	79	79	78	78	74	69	66	64	64
24	77	78	79	79	79	79	77	71	70	67	66	64	63
25	80	79	79	81	84	83	83	77	72	68	67	66	64
26	78	78	77	77	77	77	74	72	68	65	62	62	60
27	76	76	76	75	75	74	74	71	68	65	65	64	62
28	77	77	77	79	78	78	75	72	69	67	67	65	66
29	77	77	76	77	77	78	76	74	69	68	66	63	62
30	73	74	74	74	73	75	74	69	66	62	62	60	60
31	71	71	72	74	75	75	73	70	67	65	63	63	61
Mean .	78·1	78·8	79·1	79·2	79·1	79·5	78·5	75·7	71·9	69·1	67·2	65·6	64·3
Mean* Vapour Pressure in inches of mercury.	" ·849	" ·849	" ·846	" ·842	" ·835	" ·834	" ·842	" ·850	" ·853	" ·852	" ·858	" ·862	" ·864

JUNE.

1	80	80	79	79	79	78	76	74	70	67	65	64	62
2	76	75	75	74	74	74	73	70	67	65	63	62	62
3	74	75	75	75	75	76	75	73	71	69	69	66	66
4	80	81	79	79	79	78	79	76	72	71	68	67	67
5	79	79	78	79	79	80	80	78	75	72	68	67	67
6	79	79	77	77	78	89	78	74	73	72	68	67	65
7	78	78	79	79	78	78	78	76	73	71	68	67	65
8	77	77	77	77	77	77	75	75	72	71	66	65	62
9	74	74	76	77	77	77	76	74	72	72	71	71	72
10	79	79	79	81	81	81	79	78	76	76	73	70	68
11	85	85	85	86	87	89	87	86	84	81	80	75	71
12	78	77	77	77	75	77	76	73	71	72	71	72	75
13	87	88	88	91	90	89	91	87	81	76	76	79	77
14	78	85	87	88	87	88	86	85	85	76	73	78	77
15	87	88	90	92	93	91	88	83	85	88	88	86	83
16	91	91	89	89	89	88	87	86	81	82	78	77	78
17	86	85	86	88	87	87	85	82	81	80	78	76	75
18	86	88	90	88	87	87	88	87	86	85	80	80	76
19	81	80	82	81	81	81	80	78	75	75	72	69	69
20	80	82	81	80	80	82	81	79	77	75	74	72	72
21	79	79	81	80	81	81	82	80	78	76	72	70	69
22	77	77	78	78	79	78	77	76	73	70	71	69	67
23	75	77	77	77	77	77	77	74	74	71	69	67	66
24	76	76	77	77	77	77	78	76	78	76	72	70	67
25	76	77	76	76	77	77	79	82	78	76	72	69	68
26	78	79	79	80	79	83	82	79	79	76	75	74	72
27	79	87	86	87	88	87	87	85	83	79	76	74	73
28	88	90	89	89	87	86	86	83	79	77	76	74	76
29	85	88	89	91	91	91	90	88	87	86	88	91	93
30	89	87	90	90	87	89	89	89	91	89	88	85	87
Mean .	80·6	81·4	81·7	82·1	81·9	82·1	81·5	79·5	77·6	75·7	73·6	72·4	71·5
Mean* Vapour Pressure in inches of mercury.	" ·917	" ·914	" ·912	" ·917	" 911·	" ·910	" ·915	" ·922	" ·935	" ·942	" ·946	" ·945	" ·948

* Computed from mean temperatures and mean relative humidities.

MAY. (THE FIGURES REPRESENT PERCENTAGES.)

Hours. 13—14	14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.	*Mean Vapour Pressure.	Date.
67	67	65	67	70	74	76	75	77	81	83	74·3	·829	1
64	62	59	61	65	72	76	78	79	81	80	75·3	·849	2
70	69	68	67	67	69	71	73	74	77	79	76·2	·884	3
61	62	63	65	71	77	79	81	81	83	82	73·6	·856	4
61	64	69	72	76	82	85	84	83	83	83	78·5	·902	5
68	69	69	70	75	77	79	79	79	79	79	76·9	·884	6
64	62	66	68	72	76	79	79	81	83	83	75·5	·862	7
65	64	65	69	71	78	80	82	83	83	83	75·3	·851	8
62	64	67	70	73	76	77	79	80	81	80	75·3	·854	9
65	65	68	70	71	77	79	80	81	82	82	75·0	·845	10
67	69	70	72	71	69	69	70	73	74	75	72·7	·813	11
69	66	66	70	72	71	72	77	83	85	82	75·0	·884	12
61	62	63	68	71	75	73	73	75	79	79	72·2	·854	13
65	64	66	67	72	75	78	79	79	81	81	75·6	·871	14
62	60	60	62	61	66	67	67	67	70	71	68·1	·780	15
56	60	61	63	65	69	71	72	73	75	75	68·5	·805	16
64	64	63	67	69	73	75	77	77	77	77	72·7	·851	17
67	67	67	69	72	72	72	73	75	78	77	72·8	·839	18
64	62	64	67	69	72	74	75	76	77	76	71·6	·844	19
63	63	63	64	66	69	73	73	74	75	75	71·4	·850	20
61	61	64	64	66	71	74	74	75	75	76	71·3	·859	21
65	66	66	69	71	74	74	77	79	79	80	73·3	·884	22
62	63	66	69	70	73	74	75	75	77	77	73·0	·886	23
63	64	66	69	74	77	79	80	81	81	81	73·6	·890	24
63	62	64	64	67	71	73	75	75	77	77	73·0	·881	25
60	59	60	62	65	70	71	72	73	75	75	69·5	·843	26
63	62	63	66	69	72	71	72	72	74	75	70·0	·852	27
64	64	64	67	71	71	72	74	75	76	76	71·7	·875	28
61	62	63	64	67	70	72	74	74	73	74	70·6	·873	29
58	59	61	63	64	67	68	70	71	71	69	67·4	·828	30
60	61	64	68	70	76	78	78	78	79	79	70·5	·864	31
63·4	63·5	64·6	66·9	69·5	72·9	74·5	75·7	76·7	78·4	78·1	72·9	·857	Mean.
·862	·861	·865	·865	·857	·854	·856	·855	·861	·868	·830			Mean* Vapour Pressure in inches of mercury.

JUNE.

61	61	61	64	68	70	72	73	74	74	75	71·4	·871	1
60	63	63	64	66	69	70	71	72	74	74	69·0	·861	2
63	64	66	68	72	73	76	78	78	79	80	72·3	·917	3
65	65	67	68	70	73	74	77	78	78	79	73·7	·947	4
66	66	68	68	71	74	77	77	77	78	78	74·2	·944	5
64	63	65	66	69	72	73	76	77	77	78	72·8	·932	6
64	63	64	65	67	71	73	74	74	76	75	72·3	·935	7
62	60	62	65	69	71	71	73	75	74	74	71·0	·907	8
71	71	71	72	73	74	75	77	78	79	79	74·3	·925	9
66	67	68	71	74	79	78	78	79	79	79	75·7	·956	10
73	68	72	74	77	78	82	82	80	79	80	80·3	·931	11
70	72	75	77	81	83	82	88	89	87	87	77·6	·915	12
78	77	77	78	77	77	79	80	80	81	79	81·8	·913	13
76	82	81	79	79	79	84	85	82	85	87	82·2	·923	14
79	78	78	80	83	85	87	89	91	91	91	86·4	·937	15
72	76	80	77	79	81	81	89	87	87	87	83·4	·933	16
74	74	74	74	74	79	81	79	79	80	80	80·2	·973	17
74	74	74	74	76	78	79	79	79	82	81	81·6	·949	18
69	69	68	70	72	75	77	79	79	79	80	75·9	·927	19
70	70	71	71	73	75	77	79	79	79	80	76·7	·945	20
69	69	69	70	72	74	76	77	77	77	79	75·7	·936	21
66	68	66	66	68	72	73	75	76	76	75	73·0	·906	22
65	64	64	65	67	70	73	74	74	76	76	71·9	·895	23
66	65	65	66	68	69	70	72	73	74	75	72·5	·908	24
64	63	63	71	71	72	72	74	76	77	77	73·5	·926	25
67	66	69	69	71	72	73	75	74	76	78	75·2	·945	26
72	75	78	79	79	80	81	84	88	88	85	81·7	·951	27
75	76	76	76	77	81	83	87	84	83	83	81·7	·926	28
91	89	89	89	89	90	91	90	90	90	88	89·3	·928	29
89	85	89	88	87	89	91	92	92	91	93	89·0	·931	30
70·0	70·1	71·1	72·1	74·0	76·2	77·7	79·4	79·7	80·2	80·4	77·2	·928	Mean.
·937	·939	·937	·932	·930	·927	·925	·930	·930	·930	·926			Mean* Vapour Pressure in inches of mercury.

* Computed from mean temperatures and mean relative humidities.

JULY. (THE FIGURES REPRESENT PERCENTAGES.)

Date.	Hours.													
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
1	91	91	94	91	87	88	88	86	83	82	79	76	76	88
2	82	82	82	84	90	91	92	92	90	85	79	78	77	81
3	82	82	82	83	83	84	89	87	85	84	84	81	80	87
4	88	88	92	92	94	94	93	93	90	88	85	86	87	91
5	90	90	90	90	90	89	89	91	92	94	87	87	85	85
6	87	89	87	87	86	85	89	89	85	85	84	83	83	86
7	89	89	90	90	87	87	88	91	89	90	89	88	86	88
8	91	92	94	95	94	93	92	95	93	94	95	92	94	94
9	89	90	90	89	89	88	87	88	87	86	85	84	83	84
10	87	87	87	87	87	87	86	83	83	83	82	79	79	81
11	87	89	90	90	90	89	89	87	89	89	91	93	92	96
12	93	93	92	93	92	89	89	89	86	82	83	83	81	81
13	87	86	83	87	87	89	89	88	85	83	82	85	87	85
14	83	83	85	85	87	86	87	85	82	81	81	80	79	79
15	86	86	87	88	89	89	91	91	91	88	88	86	85	83
16	93	93	93	93	92	93	93	93	90	90	88	90	93	93
17	90	87	88	86	87	86	87	86	86	84	84	81	80	78
18	83	83	84	83	83	85	84	83	79	80	77	83	84	79
19	78	78	79	78	78	80	79	77	77	79	76	76	74	75
20	81	81	80	80	80	80	79	80	77	76	74	73	75	77
21	81	81	81	81	85	85	81	80	79	82	83	79	77	74
22	84	83	84	83	83	84	85	82	80	80	78	81	87	81
23	83	83	83	83	83	83	84	82	81	81	79	78	76	76
24	86	90	89	88	88	85	87	87	91	88	85	83	83	83
25	88	87	88	86	87	87	39	89	87	88	91	93	93	92
26	88	87	88	88	87	87	86	86	85	86	84	85	89	87
27	87	88	87	89	89	87	86	86	82	81	82	79	79	79
28	85	86	87	89	87	88	87	86	86	85	81	80	80	81
29	89	90	89	87	88	89	91	91	91	91	87	86	84	82
30	86	87	87	86	89	87	86	85	85	83	83	86	84	85
31	85	87	85	85	84	86	85	85	82	82	86	88	81	80
Mean	86·4	86·7	86·9	87·0	87·2	87·1	87·3	86·9	85·4	84·9	83·6	83·3	83·0	83·6
Mean* Vapour Pressure in inches of mercury.	·924	·922	·920	·919	·921	·920	·918	·930	·934	·950	·951	·957	·956	·966

AUGUST.

1	88	88	88	86	87	86	86	86	82	86	84	88	92	90
2	86	87	89	90	89	89	86	89	89	85	88	84	85	79
3	88	86	87	87	89	90	85	85	84	83	80	81	80	81
4	86	87	87	87	86	87	87	87	86	87	85	85	87	86
5	87	90	88	87	89	91	91	89	88	87	85	83	84	84
6	87	88	87	85	83	83	85	84	83	82	80	81	82	83
7	86	87	85	85	89	92	92	88	90	87	89	89	85	86
8	92	92	93	92	92	91	91	92	91	91	93	93	93	93
9	93	93	94	95	92	92	91	89	91	90	88	87	85	88
10	87	87	87	91	89	88	87	86	85	87	87	86	86	83
11	88	87	88	89	89	86	87	86	87	87	86	83	82	80
12	86	85	87	87	88	89	88	88	89	87	88	83	82	81
13	88	90	89	89	87	86	85	86	86	84	81	81	81	85
14	88	87	90	89	85	86	88	90	90	89	84	86	87	85
15	91	90	90	88	89	92	92	91	90	84	86	84	84	85
16	84	88	87	86	86	85	86	87	85	83	85	85	85	86
17	86	85	87	85	86	89	87	86	84	86	85	82	82	81
18	87	87	87	87	86	87	86	88	90	88	85	83	82	84
19	88	87	88	88	88	87	87	85	84	81	80	79	78	77
20	85	86	86	86	86	85	86	83	82	79	77	76	73	72
21	85	84	84	83	83	84	83	83	82	79	79	79	78	78
22	85	84	87	86	87	89	87	85	83	82	80	81	79	79
23	87	87	85	88	88	92	93	92	87	85	82	80	79	77
24	87	87	89	88	88	87	85	83	81	81	79	81	80	78
25	86	86	91	92	90	90	90	90	90	87	85	87	88	88
26	87	87	87	88	89	85	86	85	85	84	85	85	79	78
27	85	84	85	84	85	84	86	86	86	84	82	80	91	87
28	90	90	89	89	91	91	91	90	91	91	90	91	90	86
29	93	92	91	90	89	89	91	89	89	86	88	87	87	89
30	87	87	86	86	87	87	87	87	82	81	81	83	80	81
31	86	84	83	87	88	89	86	87	84	83	81	82	81	79
Mean	87·4	87·4	87·8	87·7	87·7	88·0	87·7	87·2	86·3	85·1	84·1	83·7	83·5	82·9
Mean* Vapour Pressure in inches of mercury.	·896	·891	·891	·888	·885	·884	·890	·897	·905	·909	·918	·925	·924	·918

*Computed from mean temperatures and mean relative humidities.

JULY. (THE FIGURES REPRESENT PERCENTAGES.)

Hours. 14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.	* Mean Vapour Pressure.	Date.
											"	
90	85	79	79	75	79	81	83	86	83	84·0	·890	1
83	87	87	85	84	83	82	82	81	81	84·2	·889	2
88	85	83	89	87	87	89	88	89	87	85·2	·920	3
92	92	92	91	91	92	93	95	95	89	91·0	·915	4
89	84	90	85	86	85	86	86	85	88	88·0	·960	5
88	91	90	87	87	87	87	86	87	91	86·9	·960	6
89	87	87	88	87	92	89	89	89	88	88·6	·951	7
94	94	92	93	89	90	94	92	92	90	92·8	·891	8
83	83	82	83	83	85	84	85	86	87	85·8	·982	9
81	81	83	84	85	85	86	85	86	86	84·2	·964	10
92	91	90	90	91	91	91	92	91	93	90·5	·928	11
82	82	81	85	85	87	89	91	88	87	86·8	·947	12
83	81	80	81	83	83	84	85	84	84	84·6	·941	13
79	80	81	80	83	83	85	86	85	86	83·0	·956	14
83	83	85	88	88	90	92	92	92	93	88·1	·945	15
93	89	86	85	87	89	90	89	89	88	90·5	·913	16
76	76	77	79	81	85	84	84	87	85	83·5	·956	17
78	78	75	75	77	77	77	79	79	79	80·2	·918	18
75	76	77	77	78	79	81	80	81	79	77·8	·905	19
78	74	77	80	79	86	85	82	81	79	78·9	·907	20
74	73	76	77	79	80	80	81	83	83	79·8	·923	21
80	78	78	79	82	82	81	80	81	81	81·5	·945	22
75	76	76	80	84	81	83	86	86	85	81·1	·938	23
81	79	80	82	82	82	84	85	87	90	85·2	·935	24
88	85	89	87	89	94	93	90	91	92	89·3	·943	25
87	85	85	84	85	84	85	85	86	87	86·1	·945	26
79	78	79	80	81	83	84	87	85	85	83·4	·930	27
79	81	85	85	84	84	83	87	89	87	84·7	·930	28
81	80	81	82	84	86	87	87	87	85	86·5	·928	29
82	80	79	80	83	84	83	84	84	84	84·3	·928	30
81	84	83	80	81	82	85	86	87	87	84·0	·922	31
83·3	82·5	82·7	83·2	83·9	85·1	85·7	86·1	86·4	86·1	85·2	·932	Mean.
" ·957	" ·948	" ·938	" ·931	" ·924	" ·922	" ·926	" ·927	" ·921	" ·918			Mean* Vapour Pressure in inches of mercury.

AUGUST.

92	91	90	89	89	88	87	82	85	83	87·2	·889	1
82	82	85	87	84	86	85	88	84	86	86·0	·890	2
84	85	83	83	82	84	84	87	85	87	84·6	·932	3
88	86	84	83	85	85	90	91	87	87	86·5	·938	4
85	84	83	84	83	83	84	84	85	87	86·0	·941	5
87	89	83	84	84	86	86	86	87	87	84·7	·915	6
84	85	90	88	87	88	90	92	93	92	88·3	·914	7
92	93	93	94	94	94	94	94	94	94	92·7	·917	8
87	87	88	91	92	91	93	94	94	90	90·6	·902	9
82	86	84	83	87	87	86	90	89	91	86·7	·903	10
81	80	83	87	84	83	83	83	83	84	84·8	·898	11
79	78	78	82	83	83	84	84	87	87	84·7	·906	12
89	85	83	85	86	86	88	89	87	86	85·9	·892	13
84	83	83	86	89	91	88	88	91	91	87·4	·891	14
87	85	86	84	83	87	89	85	83	81	86·9	·882	15
89	87	86	86	89	89	90	89	87	87	86·6	·886	16
80	81	82	83	84	85	85	86	86	86	84·5	·907	17
84	86	81	82	83	85	87	87	87	88	85·3	·911	18
77	77	79	80	81	81	83	83	85	84	82·3	·909	19
72	72	75	77	79	80	79	79	80	82	79·9	·880	20
78	79	81	80	79	82	82	83	83	83	81·4	·879	21
78	80	78	81	83	84	86	83	87	87	83·4	·887	22
78	79	85	88	89	87	87	87	87	87	85·7	·887	23
77	84	80	82	82	83	84	86	86	87	83·5	·896	24
87	85	85	83	84	85	85	87	88	88	87·4	·905	25
77	77	81	84	84	84	86	90	87	84	84·3	·896	26
85	85	83	83	83	85	89	90	91	91	85·6	·889	27
83	83	86	90	88	86	87	87	91	94	89·0	·855	28
89	91	90	91	88	89	89	89	89	87	89·3	·887	29
80	83	87	87	90	89	86	84	83	83	84·7	·886	30
79	83	83	81	80	84	84	83	83	83	83·5	·873	31
83·1	83·6	83·8	84·8	85·1	85·8	86·5	86·8	86·9	86·9	85·8	·898	Mean.
" ·915	" ·915	" ·902	" ·898	" ·887	" ·891	" ·893	" ·890	" ·891	" ·888			Mean* Vapour Pressure in inches of mercury.

*Computed from mean temperatures and mean relative humidities.

SEPTEMBER. (THE FIGURES REPRESENT PERCENTAGES.)

Date.	Hours.													
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
1	83	82	84	83	86	92	87	85	85	86	83	83	83	81
2	85	86	87	85	85	82	84	87	85	85	82	83	85	86
3	85	85	85	85	84	83	80	74	80	82	85	81	79	83
4	85	84	85	82	85	85	85	83	83	86	85	82	80	77
5	81	82	82	83	86	89	90	86	85	79	77	75	75	73
6	85	86	87	86	88	88	88	88	84	81	79	77	74	73
7	81	81	80	80	83	90	90	89	87	83	80	80	73	73
8	80	81	82	81	84	85	85	87	83	82	74	74	74	74
9	83	87	84	84	82	81	82	81	77	75	74	73	72	71
10	76	78	79	80	84	82	85	88	87	85	80	77	75	73
11	77	81	83	87	89	84	87	86	82	80	77	77	76	72
12	86	89	87	88	89	89	92	91	89	85	83	79	77	77
13	84	81	86	89	91	91	91	88	90	85	79	78	75	79
14	83	83	83	85	87	87	86	85	85	88	89	91	94	89
15	94	94	94	93	93	94	95	95	92	93	91	93	93	94
16	89	92	93	92	93	93	92	93	92	89	87	87	80	83
17	86	86	87	87	86	88	86	90	89	88	85	85	90	86
18	85	86	92	90	89	90	89	91	90	89	85	83	83	82
19	91	88	85	87	86	82	82	84	78	79	77	78	76	74
20	85	86	86	85	86	86	88	85	83	82	79	77	76	74
21	80	79	82	82	82	83	83	82	81	78	75	75	76	75
22	85	86	89	91	90	90	89	89	86	85	81	81	78	81
23	86	84	85	86	85	84	83	82	81	79	77	77	72	75
24	91	90	88	85	83	84	84	86	85	83	79	78	78	78
25	86	84	88	89	88	90	91	90	86	83	82	79	75	74
26	83	86	86	86	88	88	89	88	85	84	76	77	74	71
27	82	84	85	86	86	86	87	85	84	79	74	73	71	72
28	87	88	90	88	91	93	94	92	92	90	87	85	87	87
29	91	90	90	91	92	92	92	90	89	86	82	82	80	79
30	91	91	91	90	91	93	93	92	90	88	83	81	78	80
Mean . .	84·8	85·3	86·2	86·2	87·0	87·5	87·6	87·0	85·5	84·0	80·9	80·0	78·9	78·2
Mean* Vapour Pressure in inches of mercury.	·850	·849	·852	·849	·852	·851	·855	·875	·894	·901	·894	·890	·892	·890

OCTOBER.

1	84	84	89	93	89	89	91	90	89	91	88	87	85	83
2	88	88	89	90	90	89	89	90	85	81	80	81	79	79
3	91	90	89	90	90	91	91	90	89	89	87	85	85	83
4	86	87	86	86	86	86	86	85	83	82	78	78	78	80
5	86	86	86	85	86	87	90	90	94	91	89	89	87	84
6	89	91	91	90	91	90	89	89	87	85	83	80	79	77
7	84	85	88	88	87	88	89	88	85	86	81	77	76	75
8	88	89	88	89	89	90	92	89	86	82	79	78	77	77
9	87	87	87	87	87	87	90	89	87	86	82	80	76	75
10	91	90	91	91	92	93	93	91	88	83	79	78	74	74
11	87	88	89	89	89	89	89	89	88	82	76	76	73	69
12	86	85	87	87	87	88	87	87	82	81	77	75	75	71
13	84	84	86	88	89	89	89	85	84	78	74	71	70	68
14	81	82	84	84	84	84	85	82	77	73	71	71	70	73
15	83	84	84	84	84	84	85	82	79	77	72	73	74	72
16	90	90	90	91	91	89	91	87	79	76	67	55	45	40
17	77	76	76	75	72	67	64	63	67	62	51	48	47	51
18	84	85	82	80	77	74	79	79	76	75	70	67	69	73
19	86	86	84	80	77	81	82	82	80	77	75	74	73	71
20	88	86	88	87	88	88	87	85	81	78	72	72	70	70
21	86	86	88	89	86	86	88	87	83	80	78	77	78	77
22	87	85	79	81	81	83	84	78	70	72	76	77	75	73
23	83	87	89	89	89	90	91	89	83	80	81	81	79	76
24	91	92	93	91	91	91	91	90	82	81	79	74	71	73
25	91	91	88	88	88	88	94	89	89	83	80	77	71	70
26	90	90	90	89	89	90	88	85	82	82	80	79	77	75
27	91	91	90	89	86	86	87	89	86	84	77	79	78	74
28	87	88	88	73	81	79	73	70	70	66	56	54	55	51
29	78	80	80	81	77	79	77	80	68	62	54	46	39	36
30	72	71	73	76	76	79	79	82	76	71	59	50	53	50
31	66	66	75	73	75	74	77	74	64	57	53	48	47	53
Mean . .	85·2	85·5	86·0	85·6	85·3	85·4	85·9	84·7	81·2	78·5	74·3	72·2	70·5	69·5
Mean* Vapour Pressure in inches of mercury.	·847	·843	·839	·830	·822	·817	·822	·844	·849	·856	·845	·845	·844	·840

*Computed from mean temperatures and mean relative humidities.

SEPTEMBER. (THE FIGURES REPRESENT PERCENTAGES.)

Hours. 14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.	Mean Vapour Pressure.*	Date.
84	82	82	82	81	83	83	84	84	85	83·9	·872	1
81	82	85	85	84	83	84	85	85	86	84·5	·889	2
84	80	80	84	83	82	82	81	83	85	82·4	·876	3
75	74	76	77	79	79	78	79	80	80	81·0	·858	4
75	74	75	73	79	81	81	82	84	84	80·5	·863	5
73	73	71	74	75	76	78	79	79	80	80·1	·840	6
72	71	73	75	79	77	78	77	80	81	79·7	·852	7
72	71	72	73	83	82	80	81	81	82	79·3	·863	8
69	71	70	72	76	77	79	79	79	79	77·4	·855	9
73	74	71	77	79	82	80	81	83	79	79·4	·858	10
72	71	74	75	79	81	82	82	83	83	80·0	·870	11
79	79	75	76	79	79	81	80	80	79	82·8	·894	12
76	76	74	76	79	79	81	82	82	83	82·4	·899	13
89	90	90	91	92	92	93	93	93	93	88·8	·897	14
91	90	89	90	90	89	90	91	91	90	92·0	·866	15
81	83	86	82	82	84	91	89	86	86	87·7	·867	16
85	84	85	89	88	86	90	87	86	86	86·9	·874	17
83	82	84	85	84	83	84	86	89	89	86·4	·886	18
74	76	78	79	80	83	82	83	86	85	81·3	·861	19
74	75	75	75	77	78	80	81	80	81	80·6	·843	20
76	75	78	79	86	83	85	85	86	87	80·6	·837	21
84	81	85	87	84	87	87	90	90	90	86·1	·860	22
76	79	78	78	82	82	86	89	86	90	82·0	·852	23
77	75	77	81	80	76	82	87	83	85	82·3	·839	24
74	74	74	75	78	78	80	81	82	82	81·8	·839	25
71	72	73	75	75	76	76	77	80	84	79·7	·836	26
74	74	74	75	77	79	79	79	79	82	79·4	·849	27
85	83	83	85	88	91	89	91	90	90	88·6	·877	28
79	79	78	79	84	83	85	87	89	90	85·7	·944	29
79	76	77	77	80	83	83	83	85	86	85·0	·951	30
77·9	77·6	78·1	79·3	81·3	81·8	83·0	83·7	84·2	84·6	82·9	·868	Mean.
·889	·877	·868	·859	·858	·856	·854	·855	·858	·859			Mean* Vapour Pressure in inches of mercury.

OCTOBER.

82	81	82	83	85	87	89	88	87	87	86·8	·923	1
79	80	81	83	86	85	87	87	87	87	85·0	·936	2
80	79	79	82	83	83	84	85	84	85	86·0	·938	3
77	78	80	81	83	85	85	84	85	86	83·0	·912	4
83	82	81	82	86	89	90	91	89	89	87·0	·883	5
77	76	74	77	78	80	81	83	84	85	83·6	·889	6
76	74	79	80	81	80	82	83	84	86	82·7	·891	7
75	76	76	78	81	83	84	85	87	87	83·6	·912	8
75	76	77	81	84	86	87	87	87	89	84·0	·925	9
72	73	77	80	83	83	85	85	85	87	84·1	·944	10
72	73	77	80	83	83	81	82	84	86	82·3	·921	11
71	71	69	71	73	75	75	78	80	82	79·2	·853	12
68	66	68	71	76	76	74	74	78	80	77·8	·818	13
73	74	75	78	81	82	83	82	82	83	78·9	·839	14
69	68	68	72	77	80	81	84	86	89	78·8	·885	15
54	60	63	65	72	74	79	82	84	83	74·9	·900	16
62	63	67	72	75	75	79	79	77	80	67·8	·759	17
71	71	76	79	81	81	81	84	85	85	77·7	·812	18
69	71	74	78	81	83	85	85	88	87	79·5	·799	19
72	73	74	80	82	82	81	82	86	86	81·0	·785	20
73	68	68	72	78	80	85	86	88	88	81·5	·798	21
71	75	78	80	81	82	85	86	84	81	79·3	·795	22
76	77	76	78	80	82	86	89	89	89	83·7	·858	23
73	75	78	80	82	84	84	86	87	88	83·6	·843	24
70	71	72	77	81	84	84	86	89	90	82·8	·844	25
76	75	76	80	83	85	85	87	89	90	83·8	·861	26
68	69	75	77	78	78	80	83	83	85	81·6	·809	27
53	58	66	69	68	69	66	66	66	70	68·4	·748	28
38	43	55	66	72	77	73	78	72	67	65·7	·714	29
55	56	62	69	73	77	78	76	71	73	69·0	·710	30
54	56	60	63	66	72	73	76	80	77	65·8	·666	31
69·7	70·7	73·1	76·3	79·2	80·7	81·7	82·9	83·5	84·1	79·7	·846	Mean.
·845	·844	·845	·846	·853	·855	·854	·855	·850	·845			Mean* Vapour Pressure in inches of mercury.

* Computed from mean temperatures and mean humidities.

NOVEMBER. (THE FIGURES REPRESENT PERCENTAGES.)

Date.	Hours.													
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
1	78	80	75	80	81	80	80	77	71	67	45	38	35	44
2	71	75	72	72	78	79	81	78	75	71	63	46	40	38
3	76	76	75	75	76	80	80	76	66	62	54	49	46	42
4	77	74	79	77	77	76	76	72	65	64	56	52	41	35
5	71	72	68	72	67	61	57	54	54	54	47	38	33	29
6	79	81	72	67	69	69	64	60	53	52	55	49	51	53
7	75	64	68	68	64	63	65	62	58	49	45	43	43	37
8	67	62	57	54	54	57	57	59	57	53	50	49	49	55
9	71	70	71	67	64	60	60	65	60	56	54	51	46	47
10	82	81	80	81	79	80	80	78	74	72	68	61	60	60
11	81	83	84	84	82	79	82	83	78	73	67	65	65	66
12	84	84	88	91	89	88	88	82	78	72	64	60	62	64
13	77	71	69	67	79	70	67	70	68	62	57	54	55	58
14	59	63	57	59	62	64	65	61	54	54	51	49	50	52
15	72	80	80	80	80	80	81	84	78	72	67	61	54	55
16	83	84	86	86	87	85	84	83	79	75	68	66	63	61
17	85	85	84	83	83	84	84	82	75	64	56	56	58	59
18	78	79	85	84	81	79	79	77	73	68	60	56	61	64
19	76	75	77	75	72	73	67	67	64	61	53	47	44	40
20	66	67	67	69	63	65	67	63	60	55	47	42	44	50
21	77	74	77	76	72	70	60	51	48	42	46	43	36	41
22	74	73	73	71	73	73	77	71	69	66	58	54	51	42
23	67	69	71	71	77	75	76	75	75	70	65	62	55	54
24	81	79	74	73	73	75	75	75	71	70	62	50	49	50
25	74	75	80	83	83	84	81	80	75	72	67	61	59	49
26	86	88	89	88	88	88	87	86	83	80	74	71	69	68
27	81	82	81	81	83	85	85	88	84	78	74	68	59	61
28	76	76	75	75	76	76	76	79	80	75	68	65	60	59
29	78	85	86	87	82	85	84	83	79	75	71	64	63	61
30	82	74	79	78	77	77	76	78	78	72	62	49	55	52
Mean . .	76·1	76·0	76·0	75·8	75·7	75·3	74·7	73·3	69·4	65·2	59·1	54·0	51·9	51·5
Mean* Vapour Pressure in inches of mercury.	·657	·648	·641	·633	·624	·607	·616	·618	·630	·630	·620	·603	·606	·611

DECEMBER.

1	73	74	78	77	80	81	80	81	76	70	66	55	45	54
2	69	72	74	80	79	74	76	77	73	68	57	45	43	45
3	76	77	77	79	75	74	69	67	60	55	51	50	41	43
4	73	73	71	74	75	79	78	79	73	65	54	37	31	32
5	69	69	69	72	76	77	77	74	71	69	66	56	48	52
6	71	79	72	78	80	81	72	75	74	73	63	49	40	44
7	74	75	71	73	76	75	76	75	69	67	66	58	53	56
8	75	70	73	78	77	75	73	72	72	68	62	54	54	57
9	79	76	75	72	73	78	75	74	71	60	59	57	57	60
10	73	75	76	76	80	84	82	73	78	72	62	59	58	60
11	80	85	85	80	80	78	75	79	77	68	67	62	63	64
12	72	80	81	83	76	68	66	63	60	63	57	56	58	56
13	67	63	67	68	67	62	65	58	54	52	50	53	52	53
14	72	67	66	73	69	64	64	66	55	51	57	56	51	53
15	66	69	70	65	64	67	65	63	60	55	46	47	48	49
16	71	71	70	71	66	63	73	75	71	69	52	55	55	55
17	77	76	81	84	82	84	81	74	69	65	60	59	57	57
18	70	70	69	71	73	78	80	77	65	60	51	43	42	53
19	78	80	80	74	73	76	73	71	71	64	55	54	51	59
20	72	73	73	82	84	77	73	77	77	72	65	60	58	64
21	81	80	79	84	83	82	79	76	73	71	65	63	67	67
22	83	81	79	81	82	79	77	78	72	71	64	57	51	55
23	75	73	79	79	72	73	77	77	70	60	49	43	39	55
24	74	74	73	80	80	76	74	68	61	56	49	42	34	41
25	68	68	74	76	74	74	72	70	65	59	54	48	37	34
26	66	71	73	72	73	70	65	71	64	49	43	42	41	36
27	55	51	57	61	55	63	59	63	59	53	47	43	41	37
28	54	52	47	52	59	66	69	69	65	61	53	49	39	32
29	55	48	55	54	63	62	63	62	57	56	45	36	26	30
30	50	56	60	62	58	61	68	66	60	56	41	32	29	34
31	59	54	52	50	57	63	65	67	64	59	55	51	51	53
Mean . .	70·2	70·4	71·1	72·9	72·9	73·0	72·5	71·5	67·3	62·5	55·8	50·7	47·1	49·7
Mean Vapour* Pressure in inches of mercury.	·556	·548	·544	·550	·542	·538	·529	·533	·542	·541	·529	·512	·504	·540

* Computed from mean temperatures and mean relative humidities.

NOVEMBER. (THE FIGURES REPRESENT PERCENTAGES.)

Hours.										Mean.	Mean Vapour Pressure.*	Date.
14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24			
48	55	62	67	70	68	62	60	62	65	64·6	·647	1
47	54	66	70	73	72	76	76	81	82	68·2	·681	2
46	54	58	64	70	74	74	69	63	70	65·5	·654	3
54	64	63	59	64	62	54	56	54	61	63·0	·627	4
46	59	64	73	73	77	79	75	76	75	64·5	·645	5
54	58	65	71	74	73	78	76	75	79	65·7	·661	6
32	45	62	68	74	77	75	75	76	75	61·0	·636	7
57	62	67	70	72	72	78	77	76	76	62·0	·640	8
53	64	68	72	73	74	76	78	78	82	65·0	·700	9
61	63	70	74	78	81	83	84	83	80	74·7	·823	10
68	69	73	79	81	80	83	85	83	82	77·3	·811	11
64	65	68	71	76	76	77	76	75	72	75·6	·760	12
60	60	63	64	67	70	73	70	63	59	65·5	·637	13
52	54	56	61	65	67	68	71	72	65	59·6	·538	14
59	62	66	68	71	72	76	75	76	80	72·0	·634	15
62	63	66	72	73	80	79	83	83	83	76·4	·693	16
64	67	71	75	75	75	76	76	75	76	73.7	·705	17
66	70	72	74	73	72	76	78	78	75	73·3	·730	18
47	61	70	73	65	63	72	72	74	76	65·2	·704	19
57	58	62	66	64	66	63	62	70	74	61·3	·620	20
44	46	54	62	64	65	56	57	63	68	58·0	·535	21
39	44	50	60	64	68	71	72	68	65	63·6	·560	22
52	57	64	67	68	68	74	76	72	76	68·2	·593	23
52	54	56	58	60	62	62	63	73	76	65·5	·558	24
54	58	66	70	73	74	78	77	82	85	72·5	·612	25
59	69	74	72	72	70	74	77	81	88	78·7	·674	26
62	63	63	63	67	70	74	78	81	77	74·5	·624	27
61	66	68	69	73	75	79	80	78	69	72·3	·612	28
58	59	62	68	76	78	80	82	79	82	75·3	·677	29
53	59	64	70	73	76	77	76	74	73	70·2	·657	30
54·7	59·4	64·4	68·3	70·7	71·8	73·4	73·9	74·1	74·9	68·3	·655	Mean.
·648	·698	·694	·698	·701	·701	·700	·687	·664	·655			Mean* Vapour Pressure in inches of mercury.

DECEMBER.

57	58	60	64	72	70	66	60	56	57	67·1	·611	1
51	52	59	67	67	74	77	74	68	67	65·7	·596	2
46	45	53	60	61	67	72	69	64	70	62·5	·565	3
37	45	49	54	60	67	72	76	72	73	62·5	·558	4
52	56	52	66	74	79	80	77	74	69	67·7	·583	5
46	46	50	55	65	73	76	78	74	73	66·3	·580	6
58	62	67	70	69	72	73	68	63	70	68·2	·589	7
59	63	67	72	75	73	75	73	72	74	69·2	·623	8
63	65	76	78	82	82	80	76	73	69	73·2	·674	9
65	67	72	77	82	82	80	77	81	78	73·7	·696	10
66	68	72	76	77	78	80	78	74	68	74·6	·713	11
57	57	59	66	69	71	68	68	63	63	65·8	·601	12
59	60	66	69	72	72	67	69	72	73	62·9	·545	13
53	56	59	59	58	60	61	67	63	61	60·9	·515	14
53	56	61	66	68	70	73	74	74	72	62·4	·521	15
56	58	66	69	71	75	74	76	74	76	67·2	·561	16
56	62	68	70	72	74	74	76	78	77	74·3	·576	17
55	59	68	73	72	70	73	72	69	74	66·1	·539	18
61	64	68	73	75	72	70	72	74	73	69·2	·595	19
64	72	73	75	77	79	79	81	80	81	73·7	·626	20
68	70	72	76	80	82	82	80	79	76	75·6	·675	21
55	62	68	73	75	78	75	68	67	75	71·1	·652	22
63	63	66	68	68	70	69	70	65	68	66·3	·596	23
53	57	61	65	67	69	65	65	69	69	63·4	·565	24
55	63	67	71	74	74	72	70	71	67	64·7	·575	25
42	51	54	60	61	64	62	67	56	56	58·5	·509	26
35	35	44	46	49	57	63	57	62	59	52·1	·422	27
36	36	39	43	54	59	60	62	60	63	53·3	·416	28
43	52	58	65	69	66	61	58	46	42	52·9	·430	29
49	56	64	67	65	65	64	57	59	62	55·9	·464	30
55	55	61	70	71	74	75	79	81	83	62·5	·526	31
53·8	57·1	61·8	66·5	69·4	72·2	71·5	70·5	68·6	69·0	65·3	·571	Mean.
·577	·590	·617	·632	·635	·640	·628	·601	·565	·555			Mean* Vapour Pressure in inches of mercury.

* Computed from mean temperatures and mean relative humidities.

Notation :—H=High clouds (Ci, Ci-S) ; M=Medium clouds (Ci-Cu,

JANUARY.

Date.	Cloud Forms (coming from) 8½h. H.	M.	L.	12½h. H.	M.	L.	16½h. H.	M.	L.	Cloud Amount (All Forms). 6h.	8h.	10h.	12½h.	14h.	16h.	22h.
1	..	NW	*	S	*	†	*	WSW	..	4	5	3	4	6	7	8
2	..	..	SW	..	..	§	..	..	§	6	6	10	10	10	9	5
3	..	..	§	..	*	S	..	*	†	10	9	10	8	8	2	0
4	..	..	†	NW	*	..	..	..	†	4	2	2	2	1	1	0
5	..	..	*	..	..	*	..	..	..	1	1	0	2	1	0	0
6	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
7	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
8	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
9	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
10	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
11	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
12	†	..	..	..	..	..	..	..	..	6	2	0	0	0	0	0
13	..	†	..	†	..	..	..	..	†	2	1	1	1	1	1	0
14	..	..	..	..	..	..	..	†	..	0	0	0	0	2	1	0
15	Calm	*	..	..	..	..	..	..	..	6	4	3	0	1	0	0
16	..	Calm	†	..	..	†	..	..	..	5	9	7	1	1	0	0
17	..	S	..	..	..	..	..	..	..	4	2	0	0	1	0	0
18	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
19	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
20	..	..	..	..	..	..	..	..	..	0	0	0	0	1	1	0
21	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
22	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
23	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
24	..	..	..	..	..	..	SW	..	..	0	0	0	0	1	5	0
25	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
26	‡*	..	..	..	*	..	..	*	..	4	1	1	1	2	2	0
27	SE	..	..	*	SE	..	SSE	..	..	3	7	5	4	7	5	3
28	..	..	†	..	SE	†	..	SW	†	5	2	4	6	6	6	4
29	..	..	S	..	..	SSW	..	..	SW	9	10	10	9	9	9	9
30	†	..	..	..	..	*	‡	..	..	2	2	3	1	5	6	0
31	..	*	..	..	NW	..	..	..	..	0	0	0	2	2	0	0
Mean cloud amount.										2·3	2·0	1·9	1·6	2·1	1·8	0·9

MARCH.

1	..	..	..	‡	..	..	..	..	..	0	0	1	1	2	0	0
2	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
3	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
4	..	..	..	..	..	..	..	..	..	2	4	0	0	0	0	0
5	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
6	..	..	W	..	..	..	..	..	..	4	7	6	0	0	0	0
7	..	*	WNW	..	WSW	..	SW	..	..	5	6	9	7	4	7	0
8	..	..	WNW	..	..	..	..	..	..	2	1	1	0	0	0	0
9	..	..	..	..	..	..	..	*	..	0	0	0	0	2	2	0
10	..	..	..	..	..	..	..	..	..	4	1	0	0	2	0	0
11	..	..	..	..	..	..	*	..	..	1	0	0	0	0	1	0
12	..	..	NW	..	..	*	..	..	NW	0	0	3	2	5	1	1
13	..	..	NNE	..	..	..	..	..	WNW	1	7	7	0	0	2	2
14	..	..	WNW	..	..	†	..	..	†	4	3	6	1	2	1	2
15	..	..	NNW	..	..	..	..	..	..	2	4	3	0	0	0	0
16	..	..	..	..	..	..	..	..	..	0	0	2	0	0	0	2
17	..	..	NW	..	..	..	..	..	..	1	3	5	0	0	0	0
18	..	..	..	..	..	..	..	..	..	0	0	2	0	0	0	1
19	..	..	NNW	..	..	..	..	..	..	6	6	2	0	0	0	0
20	..	..	N	..	..	..	..	..	..	2	2	3	0	0	0	0
21	..	..	..	..	..	..	..	..	..	0	0	1	0	0	0	0
22	..	NW	*	..	SE	NW	..	..	W	8	7	7	6	5	8	7
23	..	..	SW	..	..	..	..	..	..	4	8	5	0	0	0	0
24	..	..	..	..	..	..	..	..	†	0	0	0	0	0	1	1
25	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
26	..	..	..	..	..	..	‡	..	..	0	0	0	0	0	2	0
27	..	..	..	..	..	..	..	..	..	0	0	0	0	2	0	0
28	..	..	S	..	..	†	..	..	..	2	2	3	1	1	0	0
29	..	..	..	..	..	..	..	S	..	0	0	0	0	0	3	3
30	†	..	..	..	*	..	..	..	..	2	1	3	1	1	0	1
31	..	..	ESE	..	E	..	..	..	SE	2	1	0	6	2	6	0
Mean cloud amount.										1·7	2·0	2·2	0·8	0·9	1·1	0·6

.. No cloud.
§ Overcast.
† Scattered on the horizon.
‡ Haze.
* At low angle

A-Cu, A-S) ; L=Low clouds (Cu, Cu-N, S, N).

FEBRUARY.

Cloud Forms (coming from)									Cloud Amount (All Forms).							Date.
8½h.			12½h.			16½h.										
H.	M.	L.	H.	M.	L.	H.	M.	L.	6h.	8h.	10h.	12½h.	14h.	16h.	22h.	
†	..	..	..	..	..	†	..	..	0	2	2	0	3	2	0	1
†	..	..	‡	..	..	WNW	..	..	2	2	1	1	5	6	0	2
NW	..	..	†	..	..	†	W	..	3	4	6	1	4	2	0	3
NW	*	..	‡	..	..	‡	..	..	4	7	5	2	3	3	0	4
†	..	..	W	..	..	*	..	..	2	7	1	1	5	5	0	5
..	WSW	..	..	SW	..	S	*	..	2	6	6	4	9	8	0	6
..	..	SSE	..	SW	..	SW	..	†	5	8	8	7	7	5	0	7
WSW	*	..	..	SW	..	..	*	..	3	3	2	6	6	2	0	8
NW	..	..	‡	..	..	..	..	†	1	2	4	1	1	1	0	9
..	SW	..	..	WSW	..	..	W	..	2	5	8	4	4	5	0	10
..	..	..	..	..	..	..	..	†	3	0	0	0	0	0	0	11
WSW	..	..	SW	..	..	*	..	..	0	1	8	6	6	5	0	12
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	13
NW	..	..	E	..	..	SE	..	..	5	7	5	4	4	0	0	14
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	15
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	16
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	17
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	18
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	19
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	20
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	21
..	..	..	..	..	..	..	..	..	2	2	0	0	0	0	0	22
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	23
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	24
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	25
..	..	*	..	..	..	..	..	..	6	1	1	0	0	0	0	26
..	..	..	‡	..	..	WNW	..	..	0	0	0	1	4	7	1	27
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	28
									1·4	2·0	2·0	1·4	2·2	1·8	0	Mean cloud amount.

APRIL.

NW	..	..	*	..	..	..	SW	..	2	1	3	1	5	5	6	1
*	..	SE	N	..	..	..	..	†,	3	7	1	2	2	1	1	2
..	†	E	NE	..	*	E	..	*	8	9	5	7	6	7	1	3
..	WSW	..	..	WSW	..	§	..	..	9	9	10	8	8	10	0	4
..	W	..	..	..	†	..	..	..	8	8	6	1	1	0	0	5
..	E	..	*	..	..	SE	..	..	1	7	1	1	2	2	0	6
..	..	*	..	..	..	..	..	..	1	2	1	0	0	0	1	7
..	..	S	..	..	..	..	..	†	4	4	0	0	0	1	2	8
..	..	SE	..	..	†	..	..	†	6	7	2	1	1	1	1	9
..	..	*	..	..	..	..	..	..	10	2	0	0	0	1	3	10
..	..	SW	..	..	*	..	..	W	6	5	6	1	2	6	0	11
SW	..	†	W	..	SW	..	..	W	2	3	3	5	5	4	0	12
..	..	SW	..	..	W	..	..	SW	2	7	3	4	4	5	2	13
..	..	W	..	..	W	..	..	W	4	3	1	4	3	2	0	14
..	..	*	..	..	..	..	..	..	0	0	2	0	0	0	0	15
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	16
..	..	†	..	..	..	..	..	†	4	1	1	0	0	1	1	17
..	..	SW	..	..	SW	..	..	WSW	5	2	6	7	4	6	4	18
..	..	SSW	..	..	..	..	..	..	5	7	7	0	0	0	0	19
..	..	WNW	..	..	SW	..	..	..	3	2	5	2	1	0	2	20
..	..	SW	..	..	..	..	..	..	3	5	4	0	0	0	0	21
..	..	†	..	..	..	..	..	..	6	3	0	0	0	0	0	22
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	23
..	..	..	..	..	..	‡	..	..	2	0	0	0	3	1	0	24
..	..	..	..	..	..	NNE	..	..	0	0	0	0	1	2	0	25
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	26
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	27
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	28
..	..	SW	..	..	..	S	..	..	2	4	3	0	1	1	8	29
..	..	SE	..	..	†	SW	..	..	7	3	3	1	5	2	2	30
									3·4	3·4	2·4	1·5	1·8	1·9	1·1	Mean cloud amount.

..No cloud.
§Overcast.
†Scattered on the horizon.
‡Haze.
*At low angle.

Notation :—H=High clouds (Ci, Ci-S.) ; M=Medium clouds (Ci-Cu,

MAY.

Date.	Cloud Forms (coming from) 6½h. H.	M.	L.	12½h. H.	M.	L.	16½h. H.	M.	L.	Cloud Amount (All Forms). 6h.	8h.	10h.	12½h.	14h.	16h.	22h.
1	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
2	..	..	*	..	..	..	..	..	†	0	0	4	0	0	1	0
3	*	..	..	..	..	†	..	..	†	1	3	0	1	2	1	4
4	..	..	..	WNW	..	..	..	..	†	2	0	3	2	7	0	0
5	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	5
6	*	..	SW	..	..	..	WSW	..	..	2	1	2	0	0	0	3
7	S	..	S	..	..	..	WNW	..	..	5	4	0	0	1	4	0
8	W	..	*	..	..	..	Calm	..	..	4	2	0	0	4	7	1
9	..	..	NNW	..	..	..	..	..	..	5	6	6	0	0	0	1
10	..	..	NNW	..	..	SW	..	..	S	5	8	9	4	2	3	0
11	..	..	†	..	*	..	..	..	†	4	1	0	1	1	1	0
12	..	..	†	..	..	..	..	..	..	3	2	0	0	0	0	0
13	..	..	..	..	..	..	*	..	..	0	0	0	0	0	0	0
14	NE	..	*	SSW	..	..	SW	..	..	2	2	3	3	2	3	3
15	‡	..	WSW	Calm	..	WNW	..	..	NW	4	6	6	6	6	8	2
16	NW	..	WNW	..	..	†	..	..	†	7	3	6	1	1	2	1
17	..	..	W	..	..	*	..	..	†	6	6	2	1	1	1	5
18	N	..	N	..	..	†	..	..	..	4	6	6	1	1	0	0
19	NW	..	*	..	..	..	NW	SW	WNW	4	3	4	0	1	2	6
20	NW	..	WNW	WNW	..	*	..	..	W	7	3	3	2	2	2	6
21	..	..	WNW	..	..	*	‡	..	†	5	5	3	1	2	2	6
22	..	..	NNW	NW	..	†	NW	..	†	4	8	7	2	2	2	0
23	..	NNW	..	..	..	W	..	..	WNW	3	5	2	4	6	8	6
24	Calm	..	SE	‡	..	..	‡	..	..	5	8	5	2	4	2	3
25	..	..	NNW	*	..	..	..	..	..	4	6	0	1	0	0	2
26	..	..	NW	..	..	..	..	..	..	3	7	1	0	0	0	1
27	..	..	NW	..	..	WNW	‡	..	..	4	5	4	4	1	2	0
28	Calm	..	NW	Calm	..	W	..	..	W	5	5	5	7	6	4	4
29	..	..	NW	..	..	W	..	..	W	6	2	6	4	5	4	6
30	..	..	W	..	..	WNW	..	..	W	7	2	2	3	2	5	4
31	..	..	NW	..	..	..	..	..	..	4	5	0	0	0	0	1
Mean cloud amount.										3·7	3·7	2·9	1·6	1·9	2·1	2·3

JULY.

1	S	..	SW	..	..	SW	..	..	§	10	10	10	10	10	10	7
2	..	..	§	SE	..	SW	..	..	SW	10	10	9	6	8	10	7
3	..	..	§	SE	SW	SSW	..	..	§	10	10	8	8	10	10	10
4	ESE	..	SSW	..	..	§	..	..	§	10	10	9	10	10	10	10
5	..	..	§	..	..	§	..	..	§	10	10	10	10	10	10	6
6	..	..	§	..	..	§	..	..	§	10	10	10	10	10	10	10
7	..	..	§	..	..	SW	..	..	SW	10	10	10	10	10	10	10
8	..	..	WSW	..	..	§	..	..	§	10	10	10	10	10	10	10
9	..	E	*	..	..	SW	..	E	SW	10	10	10	10	10	10	3
10	W	E	WSW	..	ENE	..	..	..	§	8	7	9	6	10	10	10
11	..	..	§	..	..	§	..	..	§	10	10	10	10	10	10	10
12	..	N	W	E	NE	*	..	..	WSW	10	7	8	7	10	10	9
13	..	NW	WSW	..	..	§	..	..	§	10	10	8	10	8	10	2
14	‡	ENE	SW	..	..	SW	NE	..	SW	6	7	7	7	5	6	4
15	E	NNW	SW	..	..	SW	..	..	§	8	8	7	9	8	10	10
16	..	*	SW	..	..	§	NW	NW	WSW	9	8	9	10	10	8	2
17	E	SW	WSW	..	..	W	E	..	W	4	6	6	4	5	5	3
18	..	..	W	NNE	..	*	WNW	W	SW	10	7	7	6	5	8	5
19	W	..	SW	..	WNW	W	..	WNW	W	6	2	8	6	6	8	2
20	NW	..	WSW	..	..	§	..	W	WSW	3	4	2	10	8	7	5
21	ENE	W	WSW	E	..	W	..	..	W	4	2	10	4	6	5	5
22	..	W	..	..	..	§	..	..	W	6	2	5	10	6	7	8
23	..	W	WSW	..	..	WSW	..	..	WSW	8	8	10	9	5	7	3
24	..	..	§	..	..	§	..	..	§	10	10	10	10	10	10	10
25	..	..	§	..	..	§	..	..	SW	10	10	10	10	10	10	10
26	..	..	WSW	..	..	§	..	..	§	10	10	10	10	10	10	6
27	..	..	WSW	..	..	WSW	..	..	WSW	10	6	10	4	8	7	6
28	..	..	SW	NE	SW	SW	..	..	SW	8	10	7	6	5	8	10
29	..	..	§	..	..	SW	..	..	§	8	8	6	5	5	9	4
30	ENE	..	*	..	..	SW	..	..	SW	10	10	10	8	8	8	5
31	E	SW	*	..	SW	SW	..	..	§	10	6	10	3	8	10	8
Mean cloud amount.										8·6	8·0	8·5	8·0	8·2	8·8	6·8

..No cloud.
† Scattered on the horizon.
*At low angle.
§Overcast.
‡Haze.

A-Cu, A-S); L=Low clouds (Cu, Cu-N, S, N).

JUNE.

Cloud Forms (Coming from)									Cloud Amount (All Forms).							Date.
8½h.			12½h.			16½h.										
H.	M.	L.	H.	M.	L.	H.	M.	L.	6h.	8h.	10h.	12½h.	14h.	14h.	22h.	
..	..	WNW	..	..	W	..	..	W	5	4	6	2	4	5	2	1
..	..	WSW	..	..	W	..	..	SW	4	5	3	4	5	3	3	2
..	..	W	..	..	SW	..	..	SW	3	6	6	3	3	2	3	3
..	..	SW	..	*	SW	..	..	W	1	5	6	3	3	4	2	4
..	..	SW	..	..	SSW	..	..	WSW	1	6	1	2	2	4	1	5
..	..	†	..	..	..	..	..	*	6	1	6	0	1	3	1	6
..	..	WSW	..	..	NW	..	..	SW	7	3	1	2	2	3	0	7
..	..	WNW	..	W	*	..	SE	*	8	8	7	5	8	7	3	8
..	SE	*	..	..	§	..	SE	*	9	5	9	10	10	6	3	9
..	..	§	‡	..	*	NW	*	..	9	10	9	2	6	8	4	10
..	S	SW	‡	..	*	..	Calm	SW	6	7	9	1	1	6	10	11
..	..	S	..	..	S	..	..	S	2	4	4	5	5	4	3	12
..	..	SSW	..	..	S	..	..	ESE	8	9	7	7	5	8	4	13
..	..	S	..	..	S	..	..	S	3	7	2	3	9	7	5	14
..	..	§	..	§	§	..	..	§	7	9	10	10	8	8	10	15
..	..	*	..	..	SW	..	SE	..	5	2	4	5	6	10	5	16
..	..	SW	..	..	SW	..	..	*	6	3	5	2	4	2	3	17
..	..	§	..	..	W	..	..	SW	10	10	8	5	7	7	3	18
..	..	*	..	..	W	..	..	W	5	3	4	6	6	3	2	19
..	..	SW	..	..	WNW	..	..	W	4	2	5	8	3	5	3	20
..	..	SW	..	..	SW	..	..	SSW	8	5	4	5	3	5	6	21
..	..	SW	..	..	W	..	NNW	..	4	4	2	2	1	3	1	22
..	SE	W	..	..	*	..	..	*	3	3	5	1	1	2	3	23
..	..	W	..	..	†	Calm	..	..	4	7	4	1	1	2	2	24
..	WNW	*	..	†	..	..	..	§	8	7	10	1	6	10	4	25
..	Calm	*	..	Calm	SW	..	..	SW	6	9	9	7	7	7	5	26
SE	..	..	SE	..	†	..	..	NW	8	6	2	3	6	9	10	27
SE	..	*	..	..	SE	..	..	SSW	8	6	7	4	5	7	6	28
..	..	§	..	..	§	..	..	SW	9	10	10	10	10	9	9	29
..	..	SW	..	..	§	..	..	SW	10	7	8	10	10	10	10	30
									5·9	5·8	5·8	4·3	4·9	5·6	4·2	Mean cloud amount.

AUGUST.

..	..	§	..	..	§	..	..	§	8	9	10	10	10	10	10	1
..	..	§	..	..	§	..	..	§	10	10	10	10	10	10	10	2
..	..	§	..	..	§	..	..	§	10	10	8	10	10	10	10	3
..	..	§	..	..	WSW	..	..	§	10	10	10	10	10	10	10	4
..	..	§	..	..	§	..	..	WSW	10	10	10	10	10	10	7	5
..	..	WSW	..	..	W	..	..	§	10	10	9	9	10	10	5	6
..	..	WSW	..	..	SW	..	..	SW	10	10	10	10	10	10	10	7
..	..	SW	..	..	§	..	..	§	10	10	10	10	10	10	10	8
..	..	§	..	..	§	..	..	§	10	10	10	10	10	10	10	9
..	..	§	..	..	WSW	..	..	WSW	10	10	10	10	8	7	10	10
..	..	§	..	..	WSW	E	..	WSW	10	10	10	8	7	8	10	11
E	..	SW	..	WSW	SW	..	WSW	SW	9	8	10	6	5	5	10	12
NE	..	*	..	..	W	..	..	WSW	4	6	6	7	10	10	10	13
..	..	§	..	..	§	..	..	WSW	10	10	10	10	10	10	10	14
..	..	SW	..	..	§	..	..	SW	10	10	10	10	10	10	10	15
..	..	SW	..	..	§	..	..	SW	10	10	10	10	10	10	10	16
..	..	§	..	WNW	SW	..	..	WSW	10	10	10	9	8	10	8	17
..	..	§	..	..	W	..	..	W	10	10	10	9	10	10	9	18
..	..	WNW	..	..	WSW	..	W	W	8	8	4	4	8	9	9	19
..	W	WSW	E	W	..	..	..	§	9	9	7	7	8	10	8	20
..	..	§	..	..	§	..	..	SW	8	10	10	10	10	10	9	21
..	..	§	..	..	§	..	..	§	10	10	8	10	10	10	10	22
..	WNW	SW	ESE	W	WSW	..	..	§	10	8	8	6	6	10	2	23
..	..	W	..	..	WSW	..	..	W	8	2	5	4	5	4	8	24
..	..	§	..	..	SW	..	..	WSW	8	8	7	10	10	10	10	25
..	..	§	..	..	WSW	..	..	SW	8	9	9	10	6	7	10	26
..	..	§	..	..	§	..	..	SW	9	10	10	10	10	10	10	27
..	..	SW	..	..	§	..	..	W	10	8	8	10	9	10	10	28
..	..	SW	W	..	..	..	..	§	7	8	8	7	10	10	5	29
..	SW	W	..	..	§	..	..	W	4	6	9	10	9	10	9	30
..	..	§	..	..	§	..	WNW	W	10	10	8	10	10	10	10	31
									9·0	9·0	8·8	8·9	9·0	9·4	9·0	Mean cloud amount.

.. No cloud.
†Scattered on the horizon.
*At low angle.
§Overcast.
‡Haze.

Notation :—H=High clouds (Ci, Ci-S.); M=Medium clouds

SEPTEMBER.

Date.	Cloud Forms (Coming from) 8½h. H.	M.	L.	12½h. H.	M.	L.	16½h. H.	M.	L.	Cloud Amount (All Forms). 6h.	8h.	10h.	12½h.	14h.	16h.	22h.
1	..	..	§	..	..	§	..	..	§	10	10	10	10	10	10	10
2	..	W	..	..	..	§	..	..	SW	10	7	8	10	9	10	10
3	..	..	§	..	..	§	..	..	SW	10	10	10	10	10	7	5
4	..	WSW	SW	..	..	§	SW	WSW	SW	5	7	10	10	8	3	1
5	ESE	..	SSW	..	..	SW	..	..	*	6	7	2	3	7	6	2
6	..	..	*	E	..	WSW	E	..	*	5	2	6	2	2	7	0
7	..	..	NNW	‡	..	NW	§	..	..	5	7	6	5	5	10	2
8	..	..	SW	..	..	WSW	..	..	W	4	6	5	4	4	1	0
9	*	NW	NW	..	†	..	*	..	..	4	2	4	1	1	1	10
10	SSE	..	W	..	W	W	..	*	..	2	5	4	5	3	5	2
11	..	WSW	..	..	..	WSW	..	..	WSW	8	7	5	5	5	4	2
12	..	NE	WSW	..	NE	..	..	..	NW	10	9	8	6	6	7	10
13	..	..	NW	..	..	N	..	..	NW	10	9	8	9	8	10	8
14	..	..	§	..	..	§	..	..	§	10	10	10	10	10	10	10
15	..	..	§	..	..	§	..	..	§	10	10	10	10	10	10	10
16	..	..	WSW	..	..	WSW	..	..	§	9	10	10	9	10	10	10
17	..	SW	SW	..	..	§	..	..	§	10	10	10	10	9	10	10
18	..	..	§	..	SW	SW	..	SW	SW	6	7	9	7	10	8	10
19	..	..	SW	..	..	SW	E	..	SSW	5	5	6	2	3	8	4
20	..	..	SW	..	..	SW	..	W	*	10	7	5	4	6	7	6
21	‡	..	*	..	..	§	..	..	§	5	4	6	10	10	9	10
22	E	SW	*	W	SW	W	..	..	§	8	3	10	4	7	5	6
23	..	..	SW	..	N	SW	..	..	WSW	10	6	3	8	9	10	10
24	..	..	SW	..	..	§	..	calm	SW	10	7	9	10	10	10	10
25	W	..	S	..	S	..	..	..	†	10	2	6	5	4	2	8
26	..	..	N	..	..	W	..	..	†	5	3	4	2	2	1	0
27	ESE	..	N	..	..	†	NE	..	*	5	2	4	1	3	5	10
28	..	..	§	..	..	§	..	..	§	10	10	9	10	8	8	10
29	..	NE	NE	NW	..	*	*	..	..	5	6	5	7	4	2	0
30	NE	..	*	..	..	WSW	NE	..	*	7	9	9	3	6	4	2
Mean cloud amount.										7·5	6·6	7·0	6·4	6·6	6·7	6·3

NOVEMBER.

Date.	8½h. H.	M.	L.	12½h. H.	M.	L.	16½h. H.	M.	L.	6h.	8h.	10h.	12½h.	14h.	16h.	22h.
1	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
2	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
3	..	..	..	..	..	..	..	..	..	1	0	0	0	1	0	0
4	..	..	..	..	..	..	SW	..	..	0	0	0	0	1	5	0
5	..	..	..	..	..	..	SW	..	..	0	0	0	0	0	0	0
6	..	..	..	..	..	..	..	..	..	1	0	0	0	0	0	0
7	..	..	..	..	..	..	*	..	..	0	0	0	0	2	3	0
8	*	..	..	calm	..	..	†	..	..	1	4	6	3	2	0	0
9	calm	..	..	calm	..	..	..	SE	..	6	6	6	5	7	8	0
10	..	S	S	..	WSW	..	..	..	†	7	9	5	6	2	1	0
11	..	..	..	..	†	..	..	..	†	1	0	0	1	1	1	0
12	..	..	..	..	..	..	..	..	†	0	0	0	0	1	0	0
13	..	..	..	..	SW	..	*	..	..	0	0	0	1	0	1	3
14	..	..	..	..	..	..	..	..	..	1	0	0	0	0	0	0
15	..	..	..	..	..	..	..	..	..	2	0	0	0	0	0	0
16	..	..	..	..	..	..	..	..	..	2	0	0	0	1	0	0
17	..	..	..	*	..	..	*	..	..	1	0	2	1	2	2	0
18	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	1
19	..	*	..	..	*	..	..	*	..	2	2	1	1	2	1	1
20	..	..	..	..	..	..	..	..	..	1	0	0	0	0	0	0
21	‡	..	..	*	..	..	*	..	..	2	8	7	2	4	4	6
22	§	..	..	§	..	..	§	..	..	10	10	8	9	6	8	2
23	*	..	..	*	..	..	*	..	..	1	2	3	2	1	0	0
24	..	..	..	..	..	..	..	..	..	1	0	0	0	0	0	0
25	..	..	..	..	..	..	..	..	..	1	0	0	0	0	0	0
26	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
27	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
28	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
29	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
30	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
Mean cloud amount.										1·4	1·4	1·3	1·0	1·1	1·1	0·4

..No cloud.
*At low angle.
†Scattered on the horizon.
‡Haze.
§Overcast.

(Ci-Cu, A-Cu, A-S) ; L=Low clouds (Cu, Cu-N, S, N).

OCTOBER.

Cloud Forms (Coming from)									Cloud Amount (All Forms).							Date.
8½h.			12½h.			16½h.										
H.	M.	L.	H.	M.	L.	H.	M.	L.	6h.	8h.	10h.	12½h.	14h.	16h.	22h.	
..	..	§	..	..	§	..	..	§	10	10	10	10	10	1	0	1
SE	..	N	E	..	*	‡	..	N	6	5	4	6	6	5	0	2
..	..	§	E	..	*	E	SW	†	10	9	10	7	4	6	4	3
..	SSW	N	..	SE	NW	E	..	W	8	9	7	9	6	5	10	4
..	..	§	..	..	§	SE	..	*	10	10	10	10	9	8	10	5
NNE	..	*	..	NE	W	W	..	NW	10	7	4	3	6	6	2	6
..	..	W	E	..	NW	‡	..	*	8	10	7	7	6	10	0	7
..	..	NW	..	NE	*	..	E	*	4	9	4	2	3	3	1	8
..	..	NE	..	..	..	..	..	†	8	7	7	0	2	0	0	9
..	..	WNW	..	..	..	..	..	..	3	9	5	0	0	0	0	10
..	SW	..	..	SE	..	NNE	..	..	4	9	1	2	2	2	0	11
..	..	N	..	..	†	..	..	..	5	6	6	1	1	0	0	12
..	†	..	..	..	SW	..	..	..	1	2	2	1	1	1	0	13
..	..	†	..	..	..	..	..	†	2	6	3	0	0	1	0	14
..	..	..	..	..	..	..	NE	..	3	0	0	0	0	0	7	15
N	N	*	..	..	..	..	..	..	6	6	0	0	0	0	0	16
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	17
*	..	..	*	..	..	*	..	..	2	2	1	1	4	3	6	18
..	..	..	..	..	..	..	..	..	2	0	0	0	0	0	0	19
..	S	..	..	SE	..	..	S	..	2	3	3	4	5	1	0	20
..	*	..	*	..	..	*	..	..	4	4	0	1	1	1	1	21
..	..	..	..	..	..	..	..	..	2	0	0	0	1	0	2	22
..	*	..	..	..	..	..	..	..	2	0	1	0	1	1	1	23
..	N	NNE	..	..	..	..	*	..	4	4	3	0	1	1	0	24
..	SE	NW	..	*	..	*	†	..	7	9	6	1	1	1	2	25
..	Calm	WNW	..	*	..	*	*	..	3	7	5	1	0	1	4	26
§	..	§	..	†	..	*	†	..	8	9	6	1	1	1	6	27
..	*	..	..	†	..	..	†	..	4	3	5	1	0	1	0	28
..	..	..	..	*	..	..	..	..	1	1	2	1	1	1	1	29
..	†	..	..	†	..	..	..	..	1	0	1	1	1	0	0	30
*	..	..	*	..	..	*	..	..	0	0	1	1	1	0	0	31
									4·5	4·9	3·7	2·3	2·4	1·9	1·6	Mean cloud amount.

DECEMBER.

..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	1
..	..	..	*	..	..	*	..	..	0	0	1	1	1	1	0	2
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	3
..	..	..	..	..	..	..	..	..	0	0	1	0	0	0	0	4
..	..	..	*	..	..	‡	..	..	0	0	3	2	6	7	0	5
SW	..	..	*	..	..	..	S	..	1	6	2	2	1	4	0	6
*	..	..	*	..	..	*	..	..	2	4	2	3	1	1	0	7
..	..	..	..	..	..	..	..	..	0	0	1	0	0	0	0	8
..	SSE	..	..	..	*	..	..	..	4	4	4	2	0	0	0	9
..	..	..	..	*	..	..	..	..	1	0	0	1	1	1	4	10
..	†	..	..	W	..	..	..	..	1	1	6	5	1	0	0	11
..	..	..	..	..	..	..	..	..	1	0	0	0	0	0	0	12
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	13
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	14
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	15
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	16
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	17
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	18
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	19
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	20
..	..	..	..	..	..	..	..	..	1	0	0	0	0	0	7	21
..	..	S	*	..	†	..	..	†	4	5	6	2	2	2	1	22
..	..	..	..	..	..	..	..	..	2	1	0	0	0	0	0	23
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	24
..	..	..	..	..	..	..	..	..	0	0	0	0	1	0	0	25
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	26
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	27
*	..	..	*	..	..	S	..	..	0	1	1	1	1	2	0	28
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	29
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	30
..	..	..	..	..	..	‡	..	..	0	0	0	0	0	2	0	31
									0·5	0·7	0·9	0·6	0·5	0·6	0·4	Mean cloud amount.

.. No cloud.
§ Overcast.
† Scattered on the horizon.
* At low angle.
‡ Haze.

Month	Hours.													Bright Sunshine.	
	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15	15—16	16—17	17—18	Average per day.	Greatest number of hours in a day.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hrs.	hrs.
January	..	0·01	0·82	0·88	0·86	0·91	0·95	0·93	0·92	0·93	0·93	0·93	0·73	9·2	10·1
February	..	·09	·84	·95	·96	·96	·95	·99	·96	·97	·95	·91	·27	9·9	10·8
March	..	·10	·84	·92	·97	·98	·98	1·00	1·00	1·00	·98	·97	·47	10·2	11·0
April	..	·55	·96	·98	1·00	·98	·98	0·99	0·99	0·99	·97	·98	·62	10·2	11·6
May	..	·68	·91	·97	0·96	·97	1·00	1·00	1·00	1·00	1·00	·98	·74	11·2	12·0
June	0·01	·35	·67	·66	·73	·79	0·82	0·85	0·84	0·77	0·73	·61	·32	8·1	11·5
July	..	·04	·30	·43	·34	·44	·39	·45	·39	·39	·32	·19	·03	3·8	9·6
August	..	..	·09	·15	·30	·28	·25	·26	·27	·25	19	·11	..	2·1	7·8
September	..	0·10	·47	·63	·66	·61	·58	·54	·61	·57	58	·50	·11	5·9	10·7
October	..	·31	·64	·75	·86	·90	·89	·90	·92	·92	·91	·87	·15	9·1	11·0
November	..	·16	·94	·97	·99	1·00	·98	1·00	1·00	·99	1·00	·96	·04	10·3	10·8
December	..	·24	·98	·98	·99	1·00	1·00	1·00	1·00	1·00	1·00	·98	·07	10·3	10·7
Year	..	0·24	0·71	0·77	0·81	0·82	0·82	0·83	0·83	0·82	0·80	0·74	0·25	8·4	..

MAGNETIC TABLES.

Diurnal variation of magnetic elements.

The following tables give the diurnal variation of declination (D), horizontal component of the force (H), the easterly component (Y), the vertical component (Z), the inclination (I) and the total force (F) for each month based on the hourly tabulations for the 5 international quiet days. Owing to very small value of D the variation tables of H and the northerly component of the force (X) are practically the same. No separate table for $\triangle$ X has consequently been given. The days are reckoned from 4 h. 51 m. to 3 h. 51 m. of the local mean time corresponding to the Greenwich civil day 0 h. to 23 h.

The variations in X, Y, I and F were computed from the variations in D, H and Z by means of the formulæ :

$$\triangle X = 1{\cdot}000 \triangle H - 0{\cdot}002 \triangle D.$$
$$\triangle Y = 0{\cdot}002 \triangle H + 10{\cdot}790 \triangle D.$$
$$\triangle I = 0{\cdot}076 \triangle Z - 0{\cdot}036 \triangle H.$$
$$\triangle F = 0{\cdot}904 \triangle H + 0{\cdot}428 \triangle Z.$$

A *plus* sign indicates an hourly value greater than the mean for the day.

Mean results are also given for groups of four months, as indicated by the Roman numerals at the head of the columns :—I January, February, November, December ; II March, April, September, October ; III May, June, July, August.

All diurnal inequalities have been corrected for the aperiodic change by the formula $\frac{N(12-n)}{24}$ where 'N' denotes the excess at the second midnight of the representative day as compared to the first midnight, and 'n' denotes any hour of the day reckoned from 0 (first midnight) to 24.

The diurnal variations of the different elements were first calculated for the local time from the tabulated ordinates. These were then plotted in an open scale, and then the values corresponding to G. M. T. hours were picked up from the curves. The "allowance for the use of Means", which is given by $u_p = m_p + \frac{1}{12}\left(m_p - \frac{m_{p+1} + m_{p-1}}{2}\right)$, where u_p is the true ordinate and m_{p-1}, m_p, m_{p+1} the successive mean ordinates, is very small and less than 1γ in the case of H and V and 0·1 minute of arc in the case of D. Although small, the corrections have been used in determining the last significant figure in the following variation tables.

[INTERNATIONAL QUIET DAYS, GREENWICH MEAN TIME.]

Hour.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
0	−0·3	−0·7	−0·1	0·0	+0·4	+0·3	+0·5	+0·4	+0·4	+0·1	−0·2	−0·3	−0·4	+0·1	+0·4	0·0
1	−0·5	−0·8	0·0	+0·6	+1·1	+1·2	+1·2	+1·1	+0·9	+0·3	−0·2	−0·5	−0·5	+0·5	+1·1	+0·4
2	−0·4	−0·7	+0·5	+1·9	+2·5	+2·5	+2·2	+2·5	+2·1	+0·7	0·0	−1·1	−0·5	+1·3	+2·4	+1·1
3	+0·1	−0·1	+1·5	+2·6	+3·0	+2·8	+2·3	+2·7	+2·3	+0·8	+0·6	−0·8	−0·1	+1·8	+2·7	+1·5
4	+1·1	+1·6	+1·9	+2·3	+2·1	+1·9	+1·9	+1·8	+1·1	+0·5	+0·7	−0·3	+0·8	+1·5	+1·9	+1·4
5	+1·6	+2·0	+1·4	+1·0	+0·4	+0·7	+0·7	+0·4	0·0	−0·1	+0·4	+0·1	+1·0	+0·6	+0·5	+0·7
6	+0·4	+1·6	−0·1	−0·6	−1·3	−0·3	−0·8	−1·0	−1·2	−0·8	−0·4	+0·4	+0·5	−0·7	−0·9	−0·3
7	−0·9	+0·9	−1·4	−1·9	−2·2	−1·4	−2·1	−1·9	−2·2	−1·5	−1·2	+0·4	−0·2	−1·7	−1·9	−1·3
8	−1·2	+0·3	−2·0	−2·4	−2·3	−2·0	−2·7	−2·4	−2·2	−1·4	−0·6	+0·4	−0·3	−2·0	−2·3	−1·5
9	+0·1	−0·2	−1·5	−2·2	−2·0	−1·8	−1·8	−2·0	−1·3	−0·8	−0·1	+0·6	+0·1	−1·5	−1·0	−1·1
10	+0·3	−0·6	−0·6	−1·4	−1·5	−1·2	−0·9	−1·3	−0·3	0·0	0·0	+0·4	0·0	−0·6	−1·2	−0·6
11	+0·3	−0·3	+0·1	−0·3	−0·7	−0·5	−0·2	−0·4	+0·3	+0·7	−0·2	+0·1	0·0	+0·2	−0·5	−0·1
12	+0·2	−0·3	+0·1	+0·4	0·0	0·0	+0·1	+0·3	+0·4	+0·5	−0·2	0·0	−0·1	+0·3	+0·1	+0·1
13	−0·3	−0·1	−0·3	+0·5	+0·2	+0·1	0·0	+0·1	0·0	−0·2	−0·3	−0·1	−0·2	0·0	+0·1	0·0
14	0·0	−0·5	−0·2	−0·2	−0·2	−0·5	−0·1	−0·2	−0·2	−0·1	0·0	0·0	−0·1	−0·2	−0·3	−0·2
15	+0·1	−0·2	+0·2	−0·3	−0·3	−0·7	−0·5	−0·4	−0·3	−0·1	+0·2	+0·1	+0·1	−0·1	−0·5	−0·2
16	0·0	−0·3	−0·1	−0·2	−0·2	−0·6	−0·4	−0·3	−0·3	0·0	+0·2	+0·1	0·0	−0·1	−0·4	−0·2
17	−0·1	−0·3	0·0	−0·2	−0·1	−0·4	−0·3	−0·3	−0·1	0·0	+0·1	+0·1	−0·1	−0·1	−0·3	−0·1
18	−0·1	−0·3	0·0	−0·1	+0·1	−0·1	−0·1	−0·1	−0·2	+0·2	+0·2	+0·1	0·0	0·0	−0·1	0·0
19	0·0	−0·2	+0·1	0·0	+0·2	−0·2	0·0	−0·1	0·0	+0·2	+0·3	+0·2	+0·1	+0·1	0·0	0·0
20	−0·1	−0·1	+0·1	+0·1	+0·2	0·0	+0·1	+0·2	+0·1	+0·3	+0·3	+0·1	+0·1	+0·1	+0·1	+0·1
21	−0·1	−0·1	+0·2	+0·1	+0·3	+0·1	+0·2	+0·2	+0·1	+0·3	+0·2	+0·1	0·0	+0·2	+0·2	+0·1
22	−0·1	−0·2	+0·1	+0·1	+0·2	+0·1	+0·3	+0·3	+0·1	+0·2	+0·1	−0·1	−0·1	+0·1	+0·2	+0·1
23	−0·2	−0·5	0·0	0·0	+0·2	+0·1	+0·3	+0·3	+0·2	+0·1	0·0	−0·1	−0·2	+0·1	+0·2	0·0

DIURNAL VARIATION OF H, 1926.

[INTERNATIONAL QUIET DAYS, GREENWICH MEAN TIME.]

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
0	−13	−11	−13	−11	−12	−11	−11	−10	−9	−9	−9	−11	−11	−11	−11	−11
1	−10	−10	−12	−10	−10	−9	−8	−11	−10	−9	−6	−9	−9	−10	−10	−10
2	−7	−6	−8	−10	−6	−4	−3	−11	−10	−8	−1	−2	−4	−9	−6	−6
3	+1	+1	+7	−3	0	+2	+4	−9	−2	0	+9	+10	+6	+1	−1	+2
4	+11	+12	+21	+12	+13	+12	+13	+4	+13	+12	+20	+20	+16	+15	+11	+14
5	+18	+22	+35	+26	+30	+22	+27	+18	+26	+23	+29	+28	+24	+27	+24	+25
6	+26	+32	+41	+33	+33	+30	+37	+30	+30	+31	+34	+31	+31	+34	+32	+32
7	+31	+35	+36	+37	+33	+26	+38	+35	+29	+33	+31	+27	+31	+34	+33	+33
8	+27	+26	+30	+32	+30	+20	+34	+34	+24	+27	+19	+19	+23	+28	+29	+27
9	+19	+16	+19	+24	+20	+14	+19	+22	+16	+18	+9	+9	+13	+19	+19	+17
10	+10	+10	+8	+15	+11	+7	+6	+11	+7	+8	+1	+1	+5	+10	+9	+8
11	+4	+4	−1	+6	+3	+1	−3	+3	0	−1	−4	−4	0	+1	+1	+1
12	−3	−4	−5	−3	−3	−4	−10	−2	−3	−7	−8	−7	−6	−4	−5	−5
13	−5	−7	−7	−9	−9	−8	−12	−6	−5	−8	−9	−9	−8	−7	−9	−8
14	−5	−6	−10	−13	−12	−10	−12	−9	−7	−9	−8	−8	−7	−10	−11	−9
15	−10	−8	−13	−14	−13	−10	−14	−11	−9	−12	−9	−9	−9	−12	−12	−11
16	−13	−11	−14	−16	−14	−10	−13	−12	−12	−14	−13	−11	−12	−14	−13	−13
17	−13	−14	−16	−15	−14	−10	−14	−12	−12	−14	−15	−12	−14	−14	−12	−13
18	−11	−15	−17	−14	−13	−10	−13	−11	−12	−12	−13	−12	−13	−14	−12	−13
19	−11	−15	−16	−14	−13	−10	−14	−10	−12	−11	−11	−10	−11	−13	−12	−12
20	−9	−13	−17	−15	−14	−11	−14	−11	−12	−11	−11	−10	−11	−13	−12	−12
21	−11	−13	−17	−15	−14	−9	−13	−12	−11	−11	−11	−10	−11	−13	−12	−12
22	−13	−13	−17	−12	−13	−9	−13	−11	−11	−8	−11	−11	−12	−12	−11	−12
23	−13	−12	−14	−11	−13	−10	−12	−11	−10	−9	−10	−12	−12	−11	−11	−11

DIURNAL VARIATION OF Y, 1926.

[INTERNATIONAL QUIET DAYS, GREENWICH MEAN TIME.]

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
0	−3	−8	−1	0	+4	+3	+5	+4	+4	+1	−2	−3	−4	+1	+4	0
1	−5	−9	0	+7	+12	+13	+13	+12	+10	+3	−2	−5	−5	+5	+12	+4
2	−4	−8	+5	+21	+27	+27	+24	+27	+23	+8	0	−12	−6	+14	+26	+11
3	+1	−1	+16	+28	+32	+30	+25	+29	+25	+9	+7	−9	−1	+19	+29	+16
4	+12	+17	+21	+25	+23	+21	+21	+19	+12	+5	+8	−3	+8	+16	+21	+15
5	+17	+22	+15	+11	+4	+8	+8	+4	0	−1	+4	+1	+11	+6	+6	+8
6	+4	+17	−1	−7	−14	−3	−9	−11	−13	−9	−4	+4	+5	−7	−9	−4
7	−10	+10	−15	−21	−24	−15	−23	−21	−24	−16	−13	+4	−2	−19	−21	−14
8	−13	+3	−22	−26	−25	−22	−29	−26	−24	−15	−7	+4	−3	−22	−25	−17
9	+1	−2	−16	−24	−22	−19	−19	−22	−14	−9	−1	+7	+1	−16	−21	−12
10	+3	−7	−7	−15	−16	−13	−10	−14	−3	0	0	+4	0	−6	−13	−6
11	+3	−3	+1	−3	−8	−5	−2	−4	+3	+8	−2	+1	0	+2	−5	+1
12	+2	−3	+1	+4	0	0	+1	+3	+4	+5	−2	0	−1	+4	+1	+1
13	−3	−1	−3	+5	+2	+1	0	+1	0	−2	−3	−1	−2	0	+1	0
14	0	−5	−2	−2	−2	−5	−1	−2	−2	−1	0	0	−1	−2	−3	−2
15	+1	−2	+2	−3	−3	−8	−5	−4	−3	−1	+2	+1	+1	−1	−5	−2
16	0	−3	−1	−2	−2	−7	−4	−3	−3	0	+2	+1	0	−2	−4	−2
17	−1	−3	0	−2	−1	−4	−3	−3	−1	0	+1	+1	−1	−1	−3	−1
18	−1	−3	0	−1	+1	−1	−1	−1	−2	+2	+2	+1	0	0	−1	0
19	0	−2	+1	0	+2	−2	9	−1	0	+2	+3	+2	+1	+1	0	+1
20	−1	−1	+1	+1	+2	0	+1	+2	+1	+3	+3	+1	+1	+2	+1	+1
21	−1	−1	+2	+1	+3	+1	+2	+2	+1	+3	+2	+1	0	+2	+2	+1
22	−1	−2	+1	+1	+2	+1	+3	+3	+1	+2	+1	−1	−1	+1	+2	+1
23	−2	−5	0	0	+2	+1	+3	+3	+2	+1	0	−1	−2	+1	+2	0

[INTERNATIONAL QUIET DAYS, GREENWICH MEAN TIME.]

Hours.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
0	+2	+3	+6	+7	+8	+7	+6	+9	+8	+5	+1	+2	+2	+7	+7	+5
1	+2	+3	+8	+14	+13	+13	+10	+14	+11	+7	+3	0	+2	+10	+13	+8
2	+4	+6	+12	+16	+16	+14	+12	+17	+13	+8	+4	−3	+3	+13	+15	+10
3	+10	+10	+10	+7	+3	+4	+7	+6	−1	+3	+5	+4	+7	+5	+5	+6
4	+10	+10	+1	−6	−12	−6	−3	−8	−14	−4	−1	+4	+6	−6	−7	−2
5	+4	+5	−11	−19	−25	−15	−14	−19	−20	−13	−8	+3	+1	−16	−18	−11
6	−12	−3	−21	−25	−25	−18	−22	−23	−21	−17	−13	+2	−6	−21	−22	−16
7	−18	−9	−23	−24	−20	−18	−19	+23	−17	−14	−8	−1	−9	−19	−20	−16
8	−5	−14	−15	−15	−13	−17	−12	−16	−8	−7	−1	−3	−6	−11	−14	−11
9	−1	−13	−7	−5	−5	−6	−1	−9	+1	+1	+1	−2	−4	−3	−5	−4
10	−1	−9	0	+1	+2	−1	+5	−4	+5	+6	−1	−5	−4	+3	+1	0
11	−3	−4	+1	+5	+5	+6	+5	+4	+5	+3	−1	−5	−3	+3	+5	+2
12	−3	−3	−3	+4	+4	+5	+3	+5	+2	−3	0	−3	−2	0	+4	+1
13	−3	−2	−5	+1	+3	+2	−1	+2	−1	−5	0	−4	−3	−2	+1	−1
14	+2	−1	+2	−3	−1	−2	−1	−1	0	+1	+3	0	+1	0	−1	0
15	+1	+2	+3	+1	+2	0	−1	+1	+1	0	+2	0	+1	+1	+1	+1
16	0	0	+2	+3	+4	+2	0	+3	+2	+2	+2	−1	0	+2	+2	+1
17	0	+1	+4	+3	+5	+4	+2	+5	+3	+3	+1	0	+1	+3	+4	+3
18	+1	+3	+5	+5	+6	+4	+4	+6	+4	+5	+3	+1	+2	+5	+5	+4
19	+2	+3	+7	+6	+6	+4	+4	+6	+5	+4	+2	+2	+3	+5	+5	+4
20	+3	+4	+6	+6	+6	+4	+4	+6	+6	+5	+3	+1	+3	+6	+5	+5
21	+2	+4	+6	+5	+6	+4	+3	+7	+6	+4	+1	+1	+2	+5	+5	+4
22	+2	+2	+5	+5	+5	+4	+3	+6	+5	+4	+1	+1	+2	+5	+5	+4
23	+2	+3	+5	+5	+5	+5	+3	+7	+6	+4	+1	+1	+2	+5	+5	+4

DIURNAL VARIATION OF I, 1926.

[INTERNATIONAL QUIET DAYS, GREENWICH MEAN TIME.]

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
0	+0·6	+0·6	+1·0	+0·9	+1·0	+0·9	+0·8	+1·1	+0·9	+0·7	+0·4	+0·5	+0·5	+0·9	+0·9	+0·8
1	+0·6	+0·6	+1·0	+1·5	+1·4	+1·3	+1·0	+1·5	+1·3	+0·8	+0·4	+0·3	+0·5	+1·1	+1·3	+1·0
2	+0·5	+0·6	+1·2	+1·6	+1·4	+1·2	+1·0	+1·7	+1·3	+0·9	+0·3	−0·1	+0·3	+1·3	+1·3	+1·0
3	+0·6	+0·7	+0·4	+0·6	+0·3	+0·2	+0·3	+0·7	0·0	+0·2	0·0	−0·1	+0·3	+0·3	+0·4	+0·3
4	+0·4	+0·4	−0·7	−0·8	−1·4	−0·9	−0·8	−0·7	−1·6	−0·7	−0·8	−0·4	−0·1	−0·9	−0·9	−0·7
5	−0·3	−0·4	−2·2	−2·3	−3·0	−1·9	−2·0	−2·1	−2·4	−1·8	−1·6	−0·8	−0·8	−2·2	−2·3	−1·7
6	−1·9	−1·4	−3·1	−3·1	−3·1	−2·5	−3·0	−2·9	−2·7	−2·4	+2·2	−0·9	−1·6	−2·8	−2·9	−2·4
7	−2·5	−1·9	−3·0	−3·1	−2·7	−2·3	−2·8	−3·1	−2·4	−2·3	−1·7	−1·1	−1·8	−2·7	−2·7	−2·4
8	−1·4	−2·0	−2·2	−2·3	−2·0	−2·0	−2·1	−2·4	−1·5	−1·6	−0·8	−0·9	−1·3	−1·9	−2·1	−1·8
9	−0·8	−1·6	−1·2	−1·3	−1·0	−1·0	−0·8	−1·5	−0·5	−0·6	−0·3	−0·5	−0·8	−0·9	−1·1	−0·9
10	−0·5	−1·1	−0·3	−0·5	−0·3	−0·4	+0·2	−0·7	+0·1	+0·1	−0·1	−0·4	−0·5	−0·1	−0·3	−0·3
11	+0·3	−0·4	+0·1	+0·2	+0·3	+0·4	+0·5	+0·2	+0·4	+0·2	+0·2	−0·1	−0·1	+0·2	+0·3	+0·1
12	−0·2	−0·1	−0·1	+0·4	+0·4	+0·5	+0·5	+0·5	+0·3	0.0	+0·3	+0·1	0·0	+0·1	+0·5	+0·2
13	−0·1	+0·1	−0·1	+0·4	+0·5	+0·4	+0·4	+0·3	+0·1	0·0	+0·3	0·0	+0·1	+0·1	+0·4	+0·2
14	+0·4	+0·1	+0·6	+0·3	+0·3	+0·2	+0·3	+0·2	+0·3	+0·3	+0·6	+0·3	+0·3	+0·4	+0·3	+0·3
15	+0·4	+0·4	+0·8	+0·6	+0·6	+0·4	+0·4	+0·5	+0·4	+0·4	+0·4	+0·3	+0·4	+0·5	+0·5	+0·5
16	+0·5	+0·4	+0·7	+0·8	+0·8	+0·5	+0·5	+0·6	+0·5	+0·6	+0·6	+0·4	+0·5	+0·7	+0·6	+0·6
17	+0·5	+0·6	+0·9	+0·9	+0·9	+0·7	+0·6	+0·8	+0·7	+0·7	+0·7	+0·4	+0·5	+0·8	+0·7	+0·7
18	+0·5	+0·7	+1·0	+0·9	+0·9	+0·7	+0·8	+0·9	+0·7	+0·8	+0·7	+0·5	+0·6	+0·9	+0·8	+0·8
19	+0·6	+0·8	+1·1	+0·9	+1·0	+0·6	+0·8	+0·8	+0·8	+0·7	+0·6	+0·4	+0·6	+0·9	+0·8	+0·8
20	+0·5	+0·8	+1·1	+1·0	+1·0	+0·7	+0·8	+0·9	+0·8	+0·8	+0·6	+0·5	+0·6	+0·9	+0·9	+0·8
21	+0·6	+0·8	+1·1	+0·9	+0·9	+0·6	+0·8	+0·9	+0·8	+0·7	+0·5	+0·5	+0·6	+0·9	+0·8	+0·8
22	+0·7	−0·1	+1·0	+0·8	+0·9	+0·6	+0·7	+0·9	+0·8	+0·6	+0·5	+0·5	+0·6	+0·8	+0·8	+0·7
23	+0·6	+0·6	+0·9	+0·8	+0·9	+0·8	−0·7	+1·0	+0·8	+0·6	−0·5	+0·5	+0·5	+0·8	+0·9	+0·7

DIURNAL VARIATION OF F, 1926.

[INTERNATIONAL QUIET DAYS, GREENWICH MEAN TIME.]

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
0	−11	−9	−9	−7	−8	−7	−7	−5	−5	−6	−8	−9	−9	−7	−7	−7
1	−9	−8	−7	−3	−3	−3	−3	−4	−4	−5	−4	−8	−7	−5	−3	−5
2	−4	−3	−2	−2	+1	+2	+2	−3	−3	−4	+1	−3	−2	−3	+1	−1
3	+6	+6	+11	0	+1	+4	+7	−5	−2	+1	+10	+11	+8	+2	+2	+4
4	+14	+16	+20	+8	+7	+8	+10	0	+6	+9	+17	+20	+17	+11	+6	+11
5	+18	+22	+27	+15	+17	+13	+19	+8	+15	+15	+22	+27	+22	+18	+14	+18
6	+19	+28	+28	+20	+19	+19	+24	+17	+18	+21	+25	+29	+25	+22	+20	+22
7	+20	+27	+23	+23	+21	+16	+27	+22	+19	+23	+25	+24	+24	+22	+21	+23
8	+22	+18	+21	+23	+22	+11	+26	+24	+18	+21	+17	+16	+18	+21	+21	+20
9	+16	+9	+14	−19	+16	+10	+17	+16	+15	+17	+8	+7	+10	+16	+15	+14
10	+8	+5	+7	+15	+10	+6	+8	+8	+9	+10	0	−2	+3	+10	+8	+7
11	+2	+2	0	+8	+5	+4	0	+4	+2	+1	−4	−6	−1	+3	+3	+1
12	−4	−5	−6	−1	−1	−1	−7	0	−2	−7	−8	−8	−6	−4	−2	−4
13	−6	−8	−8	−8	−7	−7	−11	−5	−5	−9	−8	−10	−8	−8	−7	−8
14	−4	−6	−8	−12	−11	−10	−11	−9	−7	−8	−6	−7	−6	−9	−10	−8
15	−8	−6	−10	−12	−11	−9	−13	−9	−8	−11	−8	−8	−8	−10	−11	−9
16	−12	−10	−12	−14	−11	−9	−12	−10	−10	−12	−11	−10	−11	−12	−10	−11
17	−11	−13	−13	−12	−11	−7	−12	−8	−10	−11	−14	−11	−12	−11	−9	−11
18	−10	−13	−13	−11	−10	−7	−10	−7	−9	−9	−10	−10	−11	−10	−9	−10
19	−9	−12	−12	−11	−10	−7	−11	−6	−9	−8	−9	−8	−9	−10	−8	−9
20	−7	−10	−12	−10	−10	−8	−11	−7	−8	−8	−9	−8	−9	−10	−9	−9
21	−9	−10	−12	−11	−10	−6	−10	−8	−8	−8	−9	−9	−9	−10	−9	−9
22	−11	−11	−13	−9	−9	−6	−10	−7	−7	−5	−9	−9	−10	−9	−8	−9
23	−11	−10	−10	−8	−9	−7	−9	−7	−6	−7	−9	−10	−10	−8	−8	−9

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JANUARY. 0° PLUS TABULAR QUANTITIES.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	2·5	2·7	2·7	2·4	2·1	2·1	2·1	1·5	2·1	2·6	2·2	2·2	1·7	1·8	2·7
2	2·0	1·9	2·0	1·8	1·7	1·7	1·9	2·1	2·7	2·4	1·8	1·8	1·7	2·2	1·7
3	2·1	2·1	1·9	2·1	1·8	1·7	1·5	0·9	1·5	2·5	2·2	1·0	1·0	1·5	2·4
4	1·6	1·6	1·6	1·5	1·2	0·9	1·4	2·2	3·3	4·3	3·9	1·8	0·2	0·5	2·1
5†	1·9	1·9	1·7	1·5	1·6	1·4	1·6	2·0	3·4	4·3	3·9	2·8	1·0	0·7	1·3
6	1·8	1·9	1·8	1·6	1·4	1·4	1·5	1·8	3·0	3·4	2·7	1·4	0·7	0·9	1·5
7	1·8	1·8	1·8	1·5	1·6	1·4	1·5	1·9	3·6	4·0	2·0	0·4	0·5	0·4	1·1
8	2·1	2·0	1·7	1·7	1·5	1·2	1·7	2·0	3·6	4·5	3·8	2·1	1·3	2·0	2·6
9	1·8	1·9	1·9	1·7	1·5	1·2	1·4	2·1	3·3	4·1	3·5	1·3	1·3	1·9	2·6
10	2·0	1·9	1·8	1·7	1·4	1·5	1·3	1·8	1·9	3·0	3·6	1·7	0·7	1·1	1·0
11	1·7	1·6	1·4	1·1	0·7	0·5	0·4	1·1	2·0	2·8	3·1	2·7	2·8	3·2	2·7
12	1·6	1·5	1·4	1·3	0·9	0·8	0·7	0·6	1·7	2·6	2·3	1·4	1·5	2·0	1·6
13	1·6	1·6	1·6	1·4	1·0	1·1	0·8	1·2	2·0	2·7	2·7	3·0	3·8	4·5	3·4
14	3·7	3·7	4·1	3·2	1·7	1·4	1·0	0·5	1·1	1·3	1·8	1·7	1·2	1·9	2·0
15	2·3	2·1	2·3	2·2	1·2	0·8	0·8	0·3	1·5	2·3	2·3	2·3	2·3	2·4	2·7
16	2·5	2·9	2·6	1·7	1·2	1·3	0·7	0·0	0·8	2·5	3·2	1·2	0·7	1·2	1·5
17	3·0	3·2	3·2	2·9	2·3	1·8	1·8	1·9	2·4	2·7	2·5	1·3	1·1	1·7	2·0
18	2·3	2·3	2·2	2·2	1·7	1·3	1·1	1·3	2·2	3·0	2·6	0·9	1·3	2·7	3·2
19	3·1	3·1	2·8	2·3	2·3	1·6	1·0	0·8	1·4	3·1	2·8	0·8	0·2	1·1	1·9
20†	2·2	2·2	2·3	2·2	1·8	1·4	1·3	1·7	2·6	3·3	3·1	1·1	0·7	1·8	2·5
21†	1·7	1·8	2·0	2·0	1·8	1·3	1·3	1·0	1·8	3·7	3·3	0·3	—0·2	1·2	2·0
22	1·8	1·8	1·7	1·7	1·6	1·3	1·1	1·5	2·8	3·5	1·8	0·2	—0·5	0·7	1·2
23	2·4	2·6	2·5	2·6	1·0	—0·3	1·4	1·4	2·9	4·1	3·0	1·9	2·1	2·5	3·1
24	1·5	1·7	1·4	1·3	1·2	1·3	1·3	2·2	3·9	4·7	3·8	2·7	2·4	1·7	0·7
25†	1·7	1·7	1·7	1·6	1·5	1·6	1·6	1·5	2·3	3·2	3·2	1·7	1·1	2·0	2·9
26	2·1	2·1	2·1	2·3	2·2	1·8	1·5	1·6	2·5	3·0	2·7	1·6	2·3	2·8	2·7
27	3·4	2·5	1·5	2·6	1·9	0·5	1·9	1·1	2·5	3·3	3·6	3·6	3·9	4·5	4·5
28	2·1	1·5	1·7	1·6	1·2	1·1	1·3	2·3	4·1	4·1	2·9	2·7	3·2	3·9	3·9
29	2·2	1·8	1·6	1·9	1·7	1·4	1·3	1·3	1·5	1·6	1·9	1·6	2·5	3·3	3·2
30†	2·4	2·3	2·0	1·9	1·9	1·9	2·1	2·9	3·7	3·0	1·8	1·4	1·4	2·1	2·7
31	2·0	1·8	1·8	1·5	1·3	1·2	1·2	1·6	2·4	3·1	2·9	1·7	2·0	3·1	3·5
Mean . .	2·2	2·1	2·0	1·9	1·5	1·3	1·3	1·5	2·5	3·2	2·8	1·7	1·5	2·0	2·3
Mean† . .	2·0	2·0	1·9	1·9	1·7	1·5	1·6	1·8	2·8	3·5	3·1	1·5	0·8	1·5	2·3

FEBRUARY.

1	2·2	2·4	2·2	2·1	1·9	1·9	2·2	3·1	4·2	3·7	2·8	2·5	2·9	3·4	4·3
2	2·2	2·0	2·1	2·0	1·9	1·6	1·6	1·3	2·2	2·2	1·5	0·7	0·7	1·8	2·6
3	2·3	2·1	1·9	2·2	1·5	1·7	1·2	2·7	3·6	3·3	2·1	1·3	1·6	2·8	3·4
4	2·6	2·2	2·0	2·2	2·2	1·7	1·1	0·7	1·5	2·7	2·8	1·1	0·7	2·3	3·0
5	2·3	2·0	2·1	2·0	1·9	2·0	2·1	2·5	3·2	3·3	2·3	0·6	0·2	0·7	1·8
6†	1·9	2·0	1·9	1·8	1·8	1·8	1·6	1·7	3·2	4·4	4·4	3·3	2·4	1·7	1·0
7†	1·9	1·9	1·8	1·6	1·3	2·3	1·4	1·8	3·1	4·2	3·7	2·8	2·1	1·9	1·3
8†	1·6	1·6	1·6	1·5	1·2	1·0	0·9	1·7	3·0	4·3	4·3	3·5	2·7	2·0	1·2
9†	1·8	1·6	1·5	1·4	1·2	0·9	1·3	1·9	3·4	4·3	4·5	3·9	3·0	2·3	2·0
10	1·8	1·9	1·7	1·5	1·3	1·3	1·1	1·6	2·1	2·5	2·3	1·6	1·9	2·3	2·2
11	2·0	2·4	2·9	3·1	2·9	2·4	2·1	2·1	2·7	3·0	2·9	2·4	1·9	1·7	1·4
12	4·0	3·5	3·3	2·5	2·0	1·7	1·3	1·2	1·8	2·1	2·4	2·2	1·1	1·1	1·3
13	2·4	2·3	2·3	2·2	1·9	1·7	1·7	2·4	3·5	4·1	3·6	2·9	1·7	1·2	1·1
14	2·1	2·3	2·7	1·9	1·9	1·9	1·4	2·2	2·8	3·1	2·8	2·0	1·7	2·3	2·2
15	2·2	2·5	3·0	3·3	2·7	2·3	2·2	2·7	3·5	2·7	1·4	—0·1	0·3	0·2	0·9
16	2·7	3·5	3·9	4·0	2·8	2·3	1·9	2·6	3·0	3·0	2·5	1·3	1·3	1·9	2·5
17	2·0	2·1	2·3	2·0	1·9	1·5	0·9	1·3	2·1	2·2	1·5	0·7	0·2	—0·1	0·4
18	2·3	2·3	2·1	1·5	1·8	1·9	—0·1	0·1	0·9	1·6	2·1	1·8	1·7	1·5	2·0
19	2·2	2·4	2·5	2·5	2·4	2·2	2·2	2·7	3·1	2·7	1·9	0·9	0·4	1·1	1·2
20	1·5	1·7	1·6	1·9	1·9	1·9	1·9	2·1	2·5	2·0	2·1	2·9	3·3	3·3	2·2
21	2·0	2·1	1·9	1·9	1·9	2·2	2·2	1·9	2·6	2·2	2·1	1·5	0·4	0·6	0·3
22	2·3	2·1	2·1	2·1	2·1	2·2	2·6	3·7	6·1	6·6	4·6	3·3	2·3	2·6	3·2
23	2·2	2·0	2·0	2·3	2·6	3·0	3·4	4·0	4·6	3·1	1·0	—0·2	—1·1	—1·1	0·6
24	1·5	2·4	3·0	2·7	2·0	3·6	2·7	1·8	1·2	0·9	1·3	0·6	0·4	0·2	1·4
25	6·3	4·0	3·9	4·0	2·7	1·0	—0·7	0·0	2·8	5·2	6·0	6·4	6·1	4·7	4·6
26	1·6	1·5	1·3	1·1	1·2	0·7	0·3	0·9	2·1	3·1	3·4	3·2	2·5	2·2	2·4
27†	1·9	1·8	1·9	1·8	1·5	1·3	1·3	1·4	2·1	2·5	2·4	2·3	2·4	1·9	2·1
28	1·9	2·0	2·0	1·7	1·3	1·1	0·7	1·1	1·9	3·0	3·1	2·7	2·5	1·6	1·6
Mean . .	2·3	2·2	2·3	2·2	1·9	1·8	1·5	1·9	2·8	3·2	2·8	2·1	1·7	1·7	1·9
Mean† . .	1·8	1·8	1·7	1·6	1·4	1·5	1·3	1·7	3·0	3·9	3·8	3·2	2·5	2·0	1·5

† Five international quiet days.
‡ *Minus* sign in the tables means *westerly* declination.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JANUARY. 0° PLUS TABULAR QUANTITIES.

Hours. 15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.*	Maximum. Time.	Maximum. Mag.	Minimum. Time.	Minimum. Mag.	Date.
′	′	′	′	′	′	′	′	′	′	H. M.	′	H. M.	′	
3·1	3·2	2·1	2·6	2·6	2·3	1·9	2·1	2·1	2·3	16 36	3·6	7 24	1·2	1
2·5	2·9	2·2	2·3	2·5	2·0	2·0	1·8	2·0	2·1	15 48	3·0	6 52	1·3	2
3·1	2·6	2·2	2·3	2·2	2·2	2·0	1·8	1·7	1·9	15 16	3·2	12 40	0·6	3
2·2	3·3	1·8	2·2	2·2	2·1	2·1	2·0	2·0	2·0	10 4	4·4	12 40	—0·1	4
2·0	2·5	2·4	2·4	2·5	2·4	2·1	2·0	2·1	2·1	9 13	4·4	13 22	0·1	5†
2·1	2·8	2·0	2·3	2·5	2·4	2·2	2·0	2·1	2·0	9 18	3·7	12 30	0·1	6
2·0	2·8	2·8	3·0	3·1	3·4	2·8	2·5	2·5	2·1	9 4	4·4	11 52	—0·4	7
2·0	2·1	2·1	2·0	2·4	2·2	2·2	2·0	1·8	2·2	9 20	4·6	4 44	0·7	8
3·0	2·3	2·2	2·3	2·4	2·2	2·1	2·1	2·1	2·2	9 32	5·0	5 20	0·5	9
1·3	1·7	1·8	1·9	1·9	1·9	1·9	1·7	1·7	1·7	10 30	3·8	7 12	0·6	10
1·8	1·6	2·1	2·0	2·1	2·0	1·8	1·6	1·6	1·9	13 20	3·3	6 41	0·1	11
1·6	1·7	1·7	1·7	1·9	2·0	1·8	1·7	1·7	1·6	9 58	2·7	7 0	0·1	12
2·4	1·5	1·4	1·4	1·5	2·0	2·3	2·4	3·1	2·1	13 20	4·6	6 20	0·5	13
1·6	1·6	1·3	2·0	1·7	1·5	1·7	2·2	2·6	1·9	2 40	4·3	7 36	0·0	14
1·6	1·6	1·6	1·5	1·9	2·4	2·4	2·5	2·6	1·9	14 10	3·1	7 12	—0·2	15
1·5	1·3	1·3	1·8	1·8	1·6	1·9	2·2	2·3	1·7	10 28	3·4	7 32	—0·1	16
1·4	1·2	1·4	1·8	2·0	1·9	1·8	2·0	2·0	2·1	0 40	3·3	12 16	0·6	17
2·3	1·1	1·0	1·3	1·3	1·8	2·2	2·5	2·7	1·9	13 56	3·8	11 48	0·4	18
1·8	1·8	1·6	1·8	2·1	2·1	2·4	2·3	2·2	1·9	9 50	3·7	12 32	—0·1	19
2·3	1·7	1·1	1·7	1·8	1·7	1·7	1·6	1·7	1·9	9 17	3·5	12 0	0·3	20†
1·7	1·7	1·7	1·6	1·9	1·9	1·8	1·7	1·8	1·7	9 28	3·9	12 0	—0·8	21†
1·6	1·3	1·2	1·3	1·6	1·7	1·3	1·3	1·8	1·5	9 31	3·9	12 4	—0·7	22
3·0	3·1	2·6	1·8	2·8	2·4	1·8	2·0	1·7	2·3	9 23	4·3	5 28	—0·7	23
0·5	1·0	1·5	1·5	2·0	2·2	2·2	2·0	2·0	2·0	9 8	5·3	3 0	0·2	24
2·7	2·2	1·9	1·8	2·2	2·1	1·9	1·9	2·0	2·0	9 21	3·3	12 0	0·8	25†
2·6	1·6	1·0	0·9	1·8	1·8	1·1	—0·5	1·0	1·9	10 2	3·4	22 22	—2·8	26
4·2	3·9	4·3	4·1	5·7	3·7	3·1	3·1	2·5	3·1	10 46	6·5	4 52	—0·8	27
4·0	3·3	3·3	2·8	2·6	2·5	2·2	1·9	2·3	2·6	8 40	4·3	5 56	0·0	28
2·9	3·1	2·9	2·4	2·7	3·3	2·4	2·4	2·4	2·2	13 4	3·8	2 8	1·1	29
3·1	2·9	2·1	1·9	2·1	2·1	2·2	2·2	2·1	2·3	8 34	3·7	12 28	0·9	30†
3·5	3·3	2·5	2·4	2·9	2·5	2·0	2·2	2·2	2·3	9 30	3·6	6 00	0·9	31
2·3	2·2	2·0	2·0	2·3	2·2	2·0	2·0	2·1	2·0					Mean.
2·3	2·2	1·8	1·9	2·1	2·1	1·9	1·9	1·9	2·0					Mean†

FEBRUARY.

4·2	3·7	1·9	1·7	2·4	2·3	2·0	2·0	2·4	2·7	9 10	4·3	5 0	1·1	1
2·5	2·7	2·5	2·0	1·9	1·7	1·7	1·8	2·4	1·9	9 14	2·8	7 12	0·2	2
2·9	2·1	2·1	2·0	2·2	2·6	2·2	2·0	1·9	2·3	9 18	3·7	4 56	1·1	3
3·0	2·7	2·6	2·5	2·0	2·7	1·9	1·9	2·1	2·1	10 0	3·6	12 20	0·0	4
2·7	2·3	1·9	1·9	1·9	1·8	1·7	1·8	1·8	1·9	9 18	3·4	12 28	—0·1	5
0·9	1·5	2·9	1·8	2·1	2·1	2·1	2·0	1·9	2·1	9 23	4·5	15 0	0·0	6†
1·1	1·5	1·5	1·6	1·7	1·8	1·8	1·6	1·6	1·9	9 18	4·4	6 4	1·0	7†
0·9	1·0	1·5	1·6	1·8	1·8	1·8	1·6	1·7	1·9	9 23	4·4	15 32	0·3	8†
2·0	1·6	1·5	1·5	1·5	1·5	1·4	1·5	1·6	2·0	10 20	4·6	5 58	0·8	9†
2·0	1·4	1·1	1·3	1·9	2·0	2·0	2·1	2·1	1·8	13 0	3·0	6 4	1·0	10
1·7	1·9	2·1	1·9	2·0	2·5	2·5	2·9	3·9	2·4	23 48	4·1	12 20	1·0	11
1·4	2·0	2·0	1·9	2·0	1·9	1·8	2·3	2·4	2·0	2 28	4·1	12 44	—0·1	12
1·5	1·4	1·5	2·1	2·0	1·8	1·7	1·7	1·9	2·1	9 20	4·2	14 36	0·7	13
1·3	1·3	1·2	0·9	1·5	1·7	1·7	1·7	2·2	1·9	9 44	3·2	17 56	—0·1	14
1·7	2·1	1·9	1·4	1·5	2·0	1·8	1·9	2·1	1·9	8 28	4·1	12 0	—0·6	15
2·4	1·8	0·9	1·3	1·8	1·7	1·8	1·7	1·8	2·3	3 14	4·2	17 40	0·5	16
0·8	0·9	1·3	1·3	1·7	1·8	1·7	2·1	2·3	1·5	9 4	2·4	12 44	—0·2	17
2·0	1·8	1·7	1·9	2·0	2·2	2·0	2·0	2·2	1·7	5 22	4·4	6 52	—0·8	18
1·7	1·7	1·4	1·7	2·0	2·2	1·9	1·7	1·7	1·9	8 56	3·2	12 0	—0·1	19
1·9	2·3	2·2	2·0	2·7	2·5	2·0	1·9	2·2	2·2	13 16	3·4	1 0	1·0	20
0·3	1·0	1·5	1·6	1·9	1·9	2·1	2·6	2·5	1·7	8 40	3·1	12 56	—0·1	21
2·1	1·6	1·8	2·0	2·3	2·3	2·5	2·8	2·7	2·8	9 20	6·8	16 0	1·0	22
1·8	1·6	1·1	1·1	1·1	1·1	1·2	0·6	1·3	1·6	8 24	5·1	13 22	—1·2	23
1·7	1·8	1·3	3·2	3·8	4·0	5·7	5·9	5·7	2·6	23 52	7·1	13 22	—0·4	24
3·7	2·9	2·7	2·4	1·9	1·9	1·7	1·7	1·8	3·1	12 16	6·6	6 24	—1·1	25
2·3	2·2	2·0	2·5	1·9	1·6	2·0	1·8	1·8	1·9	10 44	3·5	6 28	—0·1	26
3·0	2·8	2·2	1·6	1·5	1·4	1·3	1·6	1·7	1·9	16 38	3·1	6 24	0·9	27†
1·8	2·4	2·3	2·1	2·2	1·7	1·6	1·6	1·6	1·9	9 26	3·2	6 52	0·0	28
2·0	1·9	1·8	1·8	2·0	2·0	2·0	2·2	2·2	2·1					Mean.
1·6	1·7	1·8	1·6	1·7	1·7	1·7	1·7	1·7	2·0					Mean†

* The daily mean value of declination derived from 24 hourly values has been corrected for progressive change by 1/48 of the difference between the values of the initial and terminal hours.

†Five international quiet days.

‡*Minus* sign in the tables means *westerly* declination.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MARCH. 0° PLUS TABULAR QUANTITIES.

Date.	Hours. 0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	1·9	2·2	1·7	1·7	1·4	1·4	1·1	1·5	2·6	3·1	3·6	3·2	2·5	2·0	2·0
2	1·6	1·8	1·7	1·5	1·2	0·6	1·0	2·4	3·6	4·3	4·0	3·2	1·5	1·7	2·2
3	1·4	1·5	1·3	0·9	1·2	1·2	1·1	1·9	2·7	2·9	2·5	2·1	1·6	1·3	1·5
4	2·5	1·8	1·9	1·7	1·7	1·5	1·7	2·8	3·5	3·5	3·0	2·1	1·6	1·4	1·5
5	1·9	1·5	1·5	1·4	1·4	1·5	1·8	2·8	3·8	3·0	2·1	0·8	—0·2	—0·6	0·3
6	2·8	2·0	1·6	1·8	2·1	2·6	3·7	3·6	4·1	3·6	2·2	0·7	—0·2	0·5	0·9
7	2·9	3·0	3·0	3·4	3·4	3·4	2·9	2·5	2·7	2·1	1·1	0·1	0·3	0·7	1·6
8†	2·5	2·1	2·1	2·0	2·0	1·9	2·2	2·8	2·9	2·7	1·6	0·7	0·4	0·2	0·9
9	1·9	2·0	1·9	1·7	1·7	2·0	2·5	3·1	3·3	2·9	1·7	1·2	0·9	1·0	1·2
10	3·4	2·7	2·9	2·7	1·9	2·3	3·1	4·1	4·6	3·3	2·5	2·1	1·8	1·4	1·8
11	2·5	1·5	2·6	2·6	2·4	2·1	2·3	2·6	3·5	3·4	3·2	2·1	1·1	0·2	0·9
12	2·7	2·9	3·4	2·9	2·6	2·6	2·6	3·3	3·8	3·2	3·0	1·5	0·8	0·7	1·6
13	2·9	2·5	2·5	2·1	2·0	2·0	2·3	2·9	3·3	3·1	2·6	1·6	0·6	0·5	1·3
14	2·2	2·5	2·5	2·3	1·9	1·7	1·8	2·9	4·5	5·2	4·8	3·2	2·2	1·2	0·7
15†	1·7	1·7	1·6	1·3	1·3	1·4	1·7	2·9	4·2	4·4	2·8	0·9	—0·3	—0·4	0·4
16	1·6	1·5	1·5	1·5	1·1	1·3	1·8	2·8	3·5	3·3	1·6	—0·1	—1·6	—2·1	—0·6
17	2·1	1·6	1·5	1·4	1·6	1·7	1·9	2·9	3·5	3·3	3·0	2·0	1·0	0·8	1·0
18	1·5	1·5	1·9	1·8	2·0	2·6	1·8	2·7	3·5	3·2	2·9	1·9	1·0	1·3	1·8
19	2·7	2·8	2·8	2·7	2·7	3·1	3·1	3·1	2·8	1·3	0·5	—0·2	—0·8	—0·8	—0·3
20	1·9	2·0	1·7	1·7	2·0	2·3	2·7	2·7	3·2	3·5	2·5	1·2	1·4	1·4	1·6
21	2·1	2·5	2·6	2·3	2·4	2·6	2·9	3·3	3·5	3·4	2·4	0·9	0·6	—0·2	1·1
22	2·0	1·7	1·8	2·2	2·2	2·3	1·9	2·6	2·9	2·9	2·0	0·7	0·4	0·6	1·5
23	1·9	1·9	2·1	1·8	1·5	1·8	2·2	3·4	4·0	3·3	2·2	1·4	0·9	1·3	1·7
24	1·6	1·5	1·4	1·3	1·1	1·4	1·7	2·5	3·0	3·1	2·8	1·8	0·9	1·2	1·6
25†	1·7	1·6	1·6	1·4	1·1	1·0	1·5	2·1	2·8	2·8	2·3	0·9	—0·2	—0·2	0·5
26†	1·5	1·6	1·5	1·5	1·4	1·2	1·7	2·5	3·0	2·8	1·5	0·2	—0·9	—0·5	0·8
27	1·5	1·5	1·5	1·4	1·1	1·0	1·2	2·4	3·7	3·5	2·5	0·5	—0·4	—0·2	0·5
28	1·4	1·4	1·4	1·2	1·0	1·0	1·5	2·6	3·2	3·3	2·5	1·4	0·3	0·5	1·2
29	1·5	1·8	1·4	0·8	1·1	1·4	1·5	2·1	2·6	2·1	2·0	1·0	0·4	0·4	1·3
30	1·7	1·5	1·1	1·0	1·2	0·9	1·6	2·9	3·5	3·5	3·2	1·5	—0·2	—0·4	0·5
31†	1·7	1·7	1·7	1·5	1·2	1·3	1·7	2·7	3·3	2·9	1·4	0·0	—1·0	—0·7	—0·1
Mean .	2·0	2·0	1·9	1·8	1·7	1·8	2·0	2·8	3·4	3·2	2·4	1·3	0·5	0·5	1·1
Mean† .	1·8	1·7	1·7	1·5	1·4	1·4	1·8	2·6	3·2	3·1	1·9	0·5	—0·4	—0·3	0·5

APRIL.

1	1·3	1·5	1·4	1·4	1·3	1·4	2·1	3·1	4·3	4·5	3·2	0·7	—0·8	—1·0	0·1
2†	1·7	1·6	1·5	1·5	1·4	1·4	1·9	3·1	4·0	4·0	2·8	0·9	—0·3	—0·3	0·3
3	1·3	1·3	1·3	1·3	1·2	1·3	1·8	2·9	3·8	4·0	2·8	1·3	0·4	0·2	0·8
4	1·3	1·4	1·4	1·1	1·0	1·0	1·6	3·1	3·7	3·9	2·7	1·2	0·2	0·1	0·1
5	0·8	1·0	1·0	1·0	0·9	0·8	1·0	1·6	2·5	3·0	2·1	0·5	—0·5	—0·3	0·7
6	1·0	1·3	1·5	1·5	1·5	1·7	2·0	2·9	3·4	2·8	0·4	—1·7	—2·2	—2·0	—0·1
7	1·6	1·7	1·8	1·8	1·9	2·1	3·1	3·7	4·7	4·3	2·5	0·2	—1·0	—0·7	0·5
8	1·9	1·9	1·7	1·3	1·3	1·8	2·7	3·8	4·8	4·2	2·5	—0·2	—1·7	—1·1	—0·1
9	1·6	1·4	1·2	1·3	1·3	1·6	2·6	3·2	3·3	2·5	0·5	—1·0	—1·6	—1·3	—0·1
10	1·5	1·6	1·2	0·9	0·9	1·7	2·5	3·7	3·9	3·0	1·2	—0·6	—1·7	—0·9	—0·1
11	1·7	1·8	1·6	1·6	1·4	1·8	3·1	4·0	4·1	3·9	2·1	—0·2	—1·3	—1·3	—0·7
12	1·9	1·9	1·9	1·7	1·7	2·1	2·8	3·6	3·6	2·9	1·0	—0·6	—2·1	—2·2	—1·3
13	1·9	1·8	1·9	1·6	1·4	1·4	2·6	3·7	4·0	3·1	1·1	—1·5	—2·8	—1·6	—0·4
14	1·8	1·7	1·7	1·4	1·3	1·2	2·7	4·1	4·9	4·3	2·2	—0·5	—1·6	—0·9	0·3
15	3·6	6·1	5·4	6·2	5·9	5·2	5·8	3·7	3·8	1·8	—0·1	—0·7	—0·1	1·9	4·3
16	2·4	1·8	1·5	2·0	2·2	2·5	3·6	4·7	5·2	4·1	2·4	0·6	0·3	0·6	1·3
17	2·3	1·9	2·2	2·3	2·1	1·5	2·5	3·2	3·4	2·7	1·3	—0·3	—0·6	—0·8	—0·1
18	1·7	1·7	2·1	2·0	2·1	2·4	3·9	4·6	4·0	2·5	0·7	—0·7	—1·2	—0·7	—0·1
19	1·3	1·0	1·0	1·3	1·6	2·4	3·9	4·6	4·0	2·6	1·3	—0·1	—0·4	—0·1	0·7
20†	1·5	1·4	1·4	1·2	1·4	1·8	2·9	3·4	3·4	2·8	1·2	0·5	0·2	—0·1	0·3
21	1·6	1·6	1·5	1·5	1·4	1·7	2·6	3·2	2·7	1·7	1·1	0·4	—0·4	—0·1	0·5
22	1·3	1·7	1·7	1·4	0·5	0·7	2·9	4·1	3·6	2·4	1·2	0·5	—0·1	—0·3	—0·3
23	1·9	1·9	1·9	1·7	1·3	0·6	1·5	2·6	2·6	2·0	0·4	—0·5	—1·2	—1·3	—1·1
24	1·7	1·7	1·6	1·3	1·4	1·5	2·4	3·1	3·1	2·7	1·1	0·5	—0·2	—0·4	—0·7
25	1·4	1·4	1·3	1·3	1·0	1·5	2·4	3·0	3·5	3·0	1·3	—0·1	—0·9	—0·5	0·6
26	1·2	1·3	1·3	1·1	1·4	1·4	2·5	3·1	3·5	2·4	1·5	0·7	0·1	0·4	1·2
27	1·4	1·4	1·8	1·4	1·4	1·9	2·6	2·8	2·8	2·0	0·8	0·5	0·3	0·8	1·7
28†	1·8	1·9	1·8	1·9	1·9	1·8	2·9	3·6	3·4	2·1	0·3	—0·4	—0·7	—0·7	—0·4
29†	1·2	1·2	1·4	1·4	1·4	1·5	2·7	3·9	3·4	1·8	0·2	—1·1	—1·9	—1·7	—0·7
30†	1·4	1·4	1·3	1·0	0·9	1·4	3·5	4·6	4·6	3·5	1·8	—0·7	—2·1	—2·4	—1·5
Mean .	1·6	1·7	1·7	1·6	1·5	1·7	2·7	3·5	3·7	3·0	1·5	—0·1	—0·9	—0·6	0·2
Mean† .	1·5	1·5	1·5	1·4	1·4	1·6	2·8	3·7	3·8	2·9	1·3	—0·1	—1·0	—1·0	—0·4

†Five international quiet days.
‡*Minus* sign in the tables indicates *westerly* declination.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MARCH. 0° PLUS TABULAR QUANTITIES.

Hours. 15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.*	Maximum. Time.	Maximum. Mag.	Minimum. Time.	Minimum. Mag.	Date.
′	′	′	′	′	′	′	′	′	′	H. M.	′	H. M.	′	
2·3	2·5	2·2	1·9	2·3	2·8	1·7	1·2	1·4	2·1	10 20	3·8	6 0	1·0	1
3·6	3·1	2·8	2·3	2·3	2·5	1·7	1·5	1·4	2·2	9 40	4·6	5 12	0·5	2
2·2	2·8	2·3	1·5	1·7	1·6	2·1	2·1	3·0	1·9	9 19	3·1	2 52	0·7	3
2·3	2·2	2·0	1·8	2·4	2·1	1·7	1·6	2·1	2·1	9 26	3·6	1 30	0·9	4
1·2	3·0	3·8	3·9	2·9	3·0	3·5	4·1	4·3	2·2	18 16	4·9	13 40	—0·7	5
1·6	1·7	1·7	1·6	1·9	2·2	2·5	2·7	2·8	2·1	9 16	4·6	12 18	—1·1	6
2·5	2·7	2·1	1·5	1·5	1·5	1·6	2·5	2·8	2·1	3 16	4·0	11 48	—0·1	7
1·7	1·9	1·5	1·5	1·9	1·8	1·5	1·5	1·8	1·7	0 4	3·1	12 28	0·0	8†
1·4	0·8	1·3	1·2	1·4	0·7	1·1	2·5	3·2	1·8	8 44	3·6	16 36	0·0	9
2·1	2·1	2·1	2·1	2·2	2·2	2·4	2·5	2·6	2·5	8 36	4·7	13 20	1·0	10
1·5	1·8	2·6	3·1	2·5	2·3	2·7	2·7	2·9	2·3	9 18	3·7	13 36	0·0	11
1·7	1·7	1·6	1·7	1·9	2·1	2·4	2·5	2·6	2·3	8 14	3·9	12 52	0·0	12
2·2	2·3	1·7	1·5	2·0	2·0	2·0	2·2	2·2	2·1	9 18	3·6	12 32	0·0	13
1·2	1·7	1·8	1·4	1·5	1·5	1·4	1·4	1·5	2·2	9 23	5·3	14 27	0·5	14
1·6	2·2	1·7	1·1	1·5	1·4	1·5	1·5	1·5	1·7	9 18	4·6	13 4	—0·7	15†
1·0	1·7	1·8	1·3	1·4	1·4	1·9	2·2	2·1	1·8	9 28	3·6	13 20	—2·3	16
1·0	1·0	0·8	0·9	1·1	1·0	1·1	1·2	1·6	1·6	9 22	3·6	13 0	0·5	17
2·1	2·1	2·3	1·9	2·5	2·7	2·9	2·6	2·8	2·3	9 19	3·6	12 32	0·6	18
0·4	0·7	0·7	0·8	1·1	1·3	1·6	1·4	1·6	1·5	6 30	3·2	12 28	—1·0	19
1·6	1·5	1·2	1·5	2·1	2·2	2·0	1·9	2·2	2·0	9 22	3·6	11 28	0·0	20
2·1	2·5	2·3	1·5	1·4	1·8	2·3	2·3	1·8	2·1	9 21	3·6	13 40	—0·7	21
2·4	2·6	1·9	1·1	1·4	1·4	1·5	1·5	1·7	1·8	9 25	3·0	11 48	—0·1	22
2·4	2·0	1·7	1·3	1·3	1·3	1·3	1·3	1·5	1·9	9 16	4·1	12 10	0·8	23
2·2	2·5	2·8	2·5	2·1	2·1	2·2	2·5	2·0	2·0	9 8	3·2	12 42	0·6	24
0·8	0·9	0·8	0·9	1·4	1·6	1·3	1·2	1·3	1·3	9 12	3·2	12 56	—0·4	25†
1·6	1·7	1·0	0·9	1·2	1·4	1·4	1·7	1·5	1·3	9 20	3·1	12 30	—1·0	26†
1·8	2·3	2·3	1·4	1·0	1·1	1·1	1·6	1·5	1·5	8 52	4·2	13 0	—0·6	27
2·0	1·8	1·2	1·6	1·6	1·9	1·7	2·0	2·2	1·7	9 28	3·4	12 44	0·0	28
1·7	1·5	1·0	1·7	1·8	1·2	1·2	1·4	1·9	1·5	8 28	2·8	12 40	0·0	29
0·7	1·1	1·2	1·7	2·6	2·7	2·5	2·3	1·7	1·7	9 8	3·7	13 40	—0·8	30
1·3	1·5	1·6	1·6	1·7	1·3	1·1	1·1	1·2	1·3	9 20	3·4	12 52	—1·4	31†
1·7	1·9	1·8	1·6	1·8	1·8	1·8	2·0	2·1	1·9					Mean.
1·4	1·6	1·3	1·2	1·5	1·5	1·4	1·4	1·5	1·5					Mean†.

APRIL.

0·9	1·4	1·6	1·6	1·2	1·3	1·7	2·0	1·5	1·6	9 23	4·6	13 0	—1·4	1
1·7	1·9	1·5	0·8	0·9	1·5	1·4	1·2	1·2	1·6	9 25	4·2	12 56	—0·6	2†
1·5	1·3	0·7	1·1	0·8	0·9	1·0	1·0	1·1	1·5	9 17	4·1	13 0	—0·1	3
0·5	0·4	0·1	0·2	0·8	1·2	1·2	1·0	0·8	1·2	9 20	4·1	13 0	—0·3	4
1·6	2·4	1·9	0·9	0·7	0·7	0·5	0·7	0·8	1·1	9 30	3·1	12 24	—0·8	5
0·3	0·4	0·6	0·6	1·0	1·3	1·4	1·3	1·5	0·9	8 16	3·6	12 56	—2·7	6
1·3	1·3	1·6	2·2	1·3	1·1	1·4	1·9	2·0	1·8	9 16	4·8	12 52	—1·3	7
0·9	1·1	1·0	0·8	1·2	1·3	1·0	1·3	1·5	1·5	9 16	4·9	12 28	—2·3	8
0·9	1·3	1·6	1·1	1·3	1·2	1·6	1·7	1·7	1·2	8 0	3·5	12 20	—1·8	9
0·7	1·2	1·3	1·4	1·4	1·3	1·9	2·0	2·0	1·3	8 0	4·0	12 45	—2·2	10
0·5	1·6	1·8	1·2	1·1	1·2	1·4	1·5	1·6	1·5	7 56	4·5	12 28	—1·7	11
—0·1	0·8	1·4	1·2	0·7	0·8	1·0	1·4	1·6	1·2	7 14	3·7	12 48	—2·7	12
0·2	1·4	1·8	1·3	0·9	0·9	1·0	1·5	1·7	1·2	7 56	4·5	12 20	—3·0	13
0·7	1·2	1·3	0·8	0·0	0·4	2·4	3·1	2·5	1·6	9 19	5·0	12 12	—1·9	14
5·8	8·1	7·5	6·9	5·1	5·3	2·9	2·3	2·1	4·1	17 52	9·9	11 20	—1·8	15
2·8	2·2	2·5	1·8	1·4	1·6	1·5	1·7	1·7	2·2	8 4	5·5	12 20	—0·4	16
0·7	1·6	1·6	1·5	1·3	1·3	1·7	1·7	1·7	1·5	7 30	3·5	11 28	—0·9	17
0·8	1·5	1·7	1·3	1·0	1·1	1·1	1·1	1·2	1·5	7 26	4·7	12 20	—1·5	18
1·8	2·5	2·1	1·4	0·8	0·9	1·0	1·2	1·3	1·6	7 4	4·7	11 48	—0·6	19
0·3	1·2	1·6	1·1	0·7	0·7	0·7	1·1	1·3	1·3	7 4	3·5	12 44	—0·5	20†
1·1	1·6	0·1	0·9	0·9	0·8	1·0	1·2	1·3	1·3	7 23	3·4	12 32	—0·6	21
0·0	0·8	0·8	2·1	2·5	2·0	1·5	1·5	1·9	1·5	6 48	4·3	13 20	—0·6	22
0·4	2·3	2·2	1·7	1·3	1·3	1·2	1·3	1·5	1·1	7 20	2·7	12 8	—1·6	23
—0·1	1·0	1·6	1·7	2·1	1·7	1·7	1·5	1·6	1·4	8 12	3·5	14 20	—1·1	24
1·8	1·9	1·6	1·1	1·1	1·1	1·4	1·4	1·3	1·4	9 0	3·6	12 12	—1·6	25
0·9	1·8	2·1	2·3	1·3	0·7	0·9	0·9	1·3	1·5	7 34	3·6	12 20	—0·5	26
2·3	1·7	1·4	1·4	0·9	1·0	1·3	1·4	1·6	1·5	8 0	3·1	12 0	0·0	27
0·7	1·6	1·8	0·9	0·8	0·8	0·8	0·9	1·0	1·3	7 40	3·7	12 20	—0·8	28†
0·4	1·5	2·3	1·9	1·4	1·3	1·3	1·4	1·3	1·1	7 12	4·0	12 24	—2·6	29†
—0·4	0·7	1·6	1·1	0·8	0·7	0·8	0·8	1·1	1·1	7 28	4·7	12 46	—2·5	30†
1·0	1·7	1·7	1·5	1·2	1·3	1·3	1·4	1·5	1·5					Mean.
0·5	1·4	1·8	1·2	0·9	1·0	1·0	1·1	1·2	1·3					Mean†.

*See footnote on page 89.
†Five international quiet days.
‡*Minus* sign in the tables means *westerly* declination.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MAY. 0° PLUS TABULAR QUANTITIES.

Date.	Hours.‡															
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1†	1·0	1·1	1·0	0·9	0·7	1·0	2·5	4·2	4·7	3·0	0·4	—1·2	—2·3	—1·9	—1·6
2†	1·2	1·1	1·1	1·1	1·2	1·7	3·1	4·1	3·7	1·9	0·2	—1·7	—1·8	—1·9	—1·2
3	1·2	1·2	1·2	1·2	1·3	1·9	3·7	4·3	3·7	2·3	0·6	—0·7	—1·5	—1·2	—0·6
4	1·4	1·4	1·0	1·5	2·1	2·6	3·6	4·2	4·3	3·4	1·8	0·1	—0·9	—1·1	—0·4
5	2·2	2·3	2·7	2·7	2·0	2·9	4·5	5·3	3·2	1·0	—0·3	—1·3	—1·5	—0·5	0·3
6	2·1	2·2	2·0	2·2	2·3	3·1	4·4	5·2	4·9	3·0	1·0	—1·2	—2·2	—2·3	1·1
7	1·5	1·6	1·7	1·3	1·5	2·0	3·3	4·6	4·7	3·3	1·0	—1·0	—2·3	—1·8	—0·3
8	1·7	1·7	1·2	1·2	1·2	2·1	4·1	4·8	4·1	2·2	—0·2	—1·4	—2·6	—2·8	—1·8
9	1·9	1·9	1·5	1·6	1·9	2·4	4·5	5·2	4·8	2·3	0·7	—0·9	—2·4	—2·0	—1·3
10	2·6	2·9	2·6	2·4	2·3	3·3	4·9	5·1	5·0	3·4	1·8	0·0	—0·5	—0·4	—0·4
11	2·2	2·1	2·2	2·4	2·5	3·0	4·3	4·3	4·0	2·2	—0·3	—0·2	—2·5	—1·9	—0·5
12	1·2	1·7	2·0	2·0	2·0	2·5	4·1	4·1	3·6	1·8	—0·3	—1·1	—1·7	—1·7	—1·3
13	2·1	1·5	1·8	2·0	1·9	3·4	5·0	4·6	4·1	3·2	1·4	0·2	0·4	—0·6	—0·5
14	2·0	1·5	1·9	2·1	2·1	3·1	4·4	4·5	4·5	3·5	2·1	0·8	—0·5	—0·7	0·3
15†	1·7	2·0	2·2	2·1	2·2	2·9	3·8	4·6	3·7	2·2	0·6	0·1	0·2	0·4	0·7
16	1·1	1·4	1·4	1·4	1·4	2·1	3·5	3·3	2·5	1·5	0·1	—0·8	—1·2	—1·1	—0·6
17	1·1	1·4	1·3	1·7	1·4	1·4	2·7	3·3	2·3	1·3	0·6	—0·2	—0·8	—0·9	—0·9
18	1·3	1·6	1·4	1·9	2·1	2·6	2·2	3·5	3·5	2·4	0·7	—0·3	—0·8	—0·7	—0·3
19	0·7	1·1	1·1	1·0	1·3	1·9	2·6	2·9	2·1	0·9	—0·2	—0·6	—0·6	—1·1	—1·0
20	0·8	1·3	1·1	1·3	1·3	1·9	2·4	3·1	2·6	1·1	0·3	0·1	—0·1	0·1	0·3
21	0·9	0·9	0·4	0·4	1·1	1·8	2·2	2·4	2·6	1·0	—0·3	—0·9	—1·1	—0·8	0·1
22	1·2	1·1	1·3	1·2	1·4	2·1	2·8	2·7	1·6	0·0	—1·2	—1·9	—1·9	—1·1	—0·3
23	1·2	1·1	1·0	0·9	1·6	3·0	3·9	3·8	2·9	1·3	—0·4	—0·9	—0·6	0·4	0·9
24	0·7	0·5	0·6	0·9	1·1	1·7	2·1	1·9	1·1	0·0	—0·9	—1·7	—1·7	—1·2	—0·5
25	1·1	0·8	0·7	0·9	1·5	2·1	2·9	2·8	2·1	1·0	0·3	—0·2	—0·7	—0·3	0·7
26†	1·1	1·0	0·7	0·9	0·9	1·5	2·5	2·5	2·1	0·7	—1·0	—2·0	—2·2	—1·9	—1·6
27	0·9	1·1	0·9	0·8	0·8	1·2	2·6	3·2	2·8	2·2	1·5	0·5	—0·1	—0·7	—0·5
28	0·5	0·7	0·8	0·9	1·1	2·0	2·7	2·8	2·1	0·9	0·2	—0·6	—1·1	—1·1	—0·5
29	0·7	0·8	0·8	0·8	1·1	1·9	3·0	3·0	2·5	1·3	0·0	—0·8	—1·1	—0·3	0·2
30	1·0	1·0	1·2	1·3	1·5	2·3	4·0	4·8	4·6	2·8	1·2	—0·2	—1·0	—1·3	—1·1
31†	0·7	0·8	0·8	0·9	1·0	1·3	2·4	3·3	3·0	1·8	0·2	—0·5	—1·5	—1·1	—0·5
Mean . .	1·3	1·4	1·3	1·4	1·5	2·2	3·4	3·8	3·3	1·9	0·4	—0·7	—1·3	—1·1	—0·5
Mean† . .	1·1	1·2	1·2	1·2	1·2	1·7	2·9	3·7	3·4	1·9	0·1	—1·1	—1·5	—1·3	—0·8

JUNE.

1	1·1	1·0	0·9	0·9	1·2	1·9	3·0	3·5	3·1	2·1	0·7	—0·8	—2·4	—2·9	—2·5
2	3·0	3·1	3·9	2·9	2·9	3·3	4·1	4·6	3·8	2·7	1·2	0·4	—0·2	0·7	1·7
3	2·0	2·1	2·1	2·0	2·1	3·0	4·2	4·4	3·5	1·7	0·6	—0·6	—1·7	—1·4	—0·8
4†	1·8	1·7	1·7	1·6	1·4	2·2	3·5	3·8	3·2	2·1	1·2	0·4	0·1	0·3	0·6
5	1·4	1·7	1·8	1·4	1·6	2·5	4·0	4·4	3·6	1·0	—0·7	—1·3	—1·7	—1·3	0·0
6	1·4	1·5	1·4	1·3	1·3	2·3	3·5	3·9	3·5	2·4	0·9	—0·4	—1·6	—1·3	—0·2
7	1·4	1·8	1·8	1·7	1·5	2·3	3·4	3·8	3·6	1·9	0·5	—1·2	—2·1	—2·6	—1·8
8	1·4	1·3	1·4	1·9	2·3	3·3	3·9	3·2	2·6	1·3	—0·7	—1·6	—1·9	—1·1	—0·1
9	1·0	1·4	1·6	2·0	2·1	2·8	3·9	4·6	4·2	2·7	1·2	—0·5	—1·3	—1·2	—0·5
10	1·2	1·6	1·6	1·9	1·9	2·5	3·4	3·4	2·8	1·3	0·0	—1·1	—1·8	—0·9	—0·4
11	1·2	1·2	1·3	1·5	1·7	2·7	3·1	3·1	2·6	1·4	—0·2	—1·3	—2·1	—2·4	—1·7
12†	1·2	1·2	1·3	1·2	1·2	1·8	3·1	4·0	3·4	2·5	1·9	1·3	—0·4	—1·4	—1·1
13	1·1	1·2	1·3	1·3	1·4	2·1	3·2	3·7	3·0	1·4	0·3	—0·9	—1·7	—1·1	—0·3
14	1·5	1·5	1·5	1·6	1·7	2·3	3·7	3·9	3·1	1·5	—0·1	—2·0	—3·1	—2·4	—1·0
15	1·3	1·4	1·5	1·4	1·5	2·4	3·6	4·1	3·7	2·7	1·6	0·4	—1·1	—1·5	—0·9
16	0·9	1·0	1·2	1·1	1·2	2·1	3·1	3·8	4·0	3·2	1·8	0·1	—1·1	—0·6	—0·2
17	0·9	0·9	0·8	1·2	1·4	2·1	3·3	3·6	3·0	1·8	0·6	0·0	—0·1	—0·3	—0·4
18	1·5	1·4	1·4	1·2	1·5	2·0	2·8	3·1	2·5	1·3	0·6	—0·3	—0·2	0·6	0·8
19	1·1	1·2	1·3	1·7	1·8	2·5	3·0	2·9	2·7	1·6	—0·3	—1·7	—2·3	—1·8	—0·9
20†	1·3	1·2	1·3	1·2	1·4	2·0	2·9	3·7	3·2	2·2	1·8	0·8	0·1	0·1	—0·1
21	1·5	1·5	1·3	1·5	1·7	2·2	3·3	3·5	2·8	1·4	—0·9	—2·4	—2·2	—1·8	—1·3
22	0·9	1·2	1·3	1·3	1·4	2·2	3·1	3·3	2·5	1·4	0·1	—1·0	—1·0	—0·8	—0·2
23	1·1	1·0	1·1	0·8	0·5	1·1	2·5	2·9	3·1	2·1	0·7	—0·4	—1·9	—2·5	—1·9
24	1·8	2·2	1·4	1·2	1·3	2·3	4·2	5·0	4·6	2·9	1·2	—1·0	—2·4	—1·9	—1·0
25†	0·6	0·5	0·5	0·3	0·5	1·2	2·7	3·4	3·3	2·5	1·0	—0·6	—1·8	—2·1	—1·2
26†	0·1	0·2	0·3	0·4	0·6	1·3	2·9	3·4	3·1	1·1	—1·2	—2·2	—2·9	—2·1	—0·8
27	0·3	0·4	0·5	0·5	0·5	0·8	2·3	3·3	3·3	1·8	—0·3	—2·0	—3·8	—4·0	—3·0
28	0·2	0·3	0·5	0·7	0·8	1·8	3·0	3·2	2·3	0·5	—1·5	—2·9	—4·0	—4·0	—4·2
29	0·3	0·5	0·5	1·0	1·1	1·2	2·7	3·3	3·0	1·9	0·6	—0·3	—1·7	—2·2	—2·3
30	0·5	0·8	0·7	0·8	0·9	1·4	2·3	2·5	2·1	1·1	—0·9	—2·1	—2·6	—2·7	—2·8
Mean .	1·2	1·3	1·3	1·3	1·4	2·1	3·3	3·7	3·2	1·8	0·4	—0·9	—1·6	—1·5	—0·9
Mean† .	1·0	1·0	1·0	0·9	1·0	1·7	3·0	3·7	3·3	2·1	0·9	—0·1	—1·0	—1·0	—0·5

†Five international quiet days.

‡*Minus* sign in this table indicates *westerly* declination.

(Averages for periods of sixty minutes from full hour to full hour of local mean time).

MAY. 0° PLUS TABULAR QUANTITIES.

Hours.‡ 15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.*	Maximum. Time.	Maximum. Mag.	Minimum. Time.	Minimum. Mag.	Date.
′	′	′	′	′	′	′	′	′	′	H. M.	′	H. M.	′	
0·9	0·0	0·9	0·9	0·7	0·7	0·8	0·9	1·1	0·8	8 4	4·8	12 20	—2·5	1†
0·1	1·4	1·6	1·2	0·8	0·7	0·8	0·9	1·1	0·9	7 30	4·2	13 0	—2·1	2†
0·1	0·7	0·8	0·6	0·5	0·6	0·7	1·1	1·2	1·0	7 0	4·4	12 40	—1·6	3
0·7	1·6	1·4	1·4	1·5	1·1	1·8	1·9	2·8	1·7	8 0	4·9	12 44	—1·2	4
1·4	2·7	2·7	1·4	1·4	1·8	1·8	2·1	2·2	1·8	7 0	5·4	12 4	—2·3	5
0·4	1·7	1·8	2·0	1·6	1·8	1·8	1·8	2·0	1·7	7 48	5·4	13 0	—2·8	6
0·7	1·4	1·3	1·5	1·3	1·3	1·5	1·7	1·3	1·4	7 46	4·9	12 20	—2·4	7
—0·1	1·3	1·3	0·9	0·9	1·1	1·4	2·1	1·9	1·1	7 12	5·1	12 44	—3·3	8
—0·1	1·2	1·7	1·4	1·0	1·0	1·5	1·8	2·1	1·4	8 2	5·3	12 28	—2·7	9
0·4	1·4	1·3	0·7	1·4	2·2	1·3	1·9	2·2	2·0	7 40	5·4	13 0	—0·8	10
0·3	1·5	2·1	1·0	1·1	1·1	1·3	1·4	1·6	1·5	6 52	5·0	12 8	—3·1	11
0·3	1·2	1·7	1·5	1·0	1·2	1·5	1·6	1·9	1·3	7 8	4·6	12 46	—2·4	12
0·5	1·3	1·6	1·1	0·6	1·3	1·5	1·3	1·2	1·7	6 44	5·2	13 28	—0·7	13
0·6	1·1	1·7	1·3	1·1	1·0	1·2	1·4	1·5	1·8	7 10	5·5	12 48	—1·0	14
0·8	1·3	1·6	0·7	0·4	0·6	0·9	0·9	1·1	1·5	7 40	4·7	11 28	0·0	15†
—0·2	0·1	0·5	0·4	0·2	0·4	0·7	0·9	1·0	0·8	6 8	3·6	11 52	—1·3	16
—0·4	0·0	0·3	0·4	0·4	0·4	0·8	0·9	1·1	0·8	7 30	3·4	12 20	—1·1	17
0·2	0·5	0·5	0·3	0·7	0·7	0·4	0·4	0·7	1·1	7 24	3·6	12 40	—1·1	18
—0·3	0·2	0·5	0·3	0·1	0·1	0·3	0·6	0·9	0·6	7 20	3·0	13 40	—1·5	19
1·3	1·7	1·6	1·4	1·2	1·3	1·1	1·0	0·8	1·2	8 4	3·2	12 48	—0·5	20
0·9	1·6	1·6	0·9	0·6	0·9	1·2	1·4	1·3	0·9	8 4	3·1	12 0	—1·2	21
0·3	1·1	1·6	1·4	0·9	0·9	1·2	1·3	1·2	0·8	7 24	2·9	11 40	—2·4	22
1·5	2·0	1·7	0·8	0·6	0·5	0·7	0·7	0·7	1·2	6 56	4·0	12 0	—1·3	23
0·3	0·7	0·8	0·5	0·1	0·3	0·5	0·6	0·8	0·4	6 0	2·4	12 0	—2·1	24
1·9	2·5	2·0	1·0	0·7	1·0	1·1	1·5	1·3	1·2	7 0	3·1	12 30	—1·1	25
—0·5	0·3	0·6	0·6	0·5	0·6	0·6	0·8	0·9	0·4	6 36	2·7	12 0	—2·5	26†
0·1	0·9	1·4	1·2	1·0	1·3	1·1	0·7	0·4	1·1	8 0	3·3	13 30	—0·9	27
0·1	0·7	1·0	1·2	0·8	0·8	0·8	0·8	0·7	0·7	7 20	2·9	12 0	—2·0	28
0·8	1·1	1·2	0·7	0·5	0·5	0·6	0·7	0·9	0·9	7 0	3·2	12 20	—1·4	29
—0·5	0·0	0·5	0·4	0·1	0·2	0·2	0·3	0·5	1·0	7 40	4·9	12 44	—1·4	30
0·1	0·1	0.3	0·4	0·3	0·5	0·5	0·6	0·9	0·7	8 0	3·5	13 0	—1·7	31†
0·3	1·1	1·3	0·9	0·8	0·9	1·0	1·2	1·3	1·1					Mean
0·3	0·7	1·0	0·8	0·5	0·6	0·7	0·8	1·0	0·9					Mean†

JUNE.

—2·4	—3·2	—2·5	—1·5	0·4	1·1	0·5	0·7	1·6	0·3	7 32	3·6	16 4	—3·7	1
1·8	1·5	1·4	1·7	2·1	2·1	2·1	1·7	1·8	2·2	7 8	4·9	12 0	—0·8	2
0·0	0·4	0·8	0·7	0·7	0·8	1·1	1·3	1·6	1·2	7 4	4·5	12 40	—1·8	3
0·9	0·6	0·7	0·5	0·7	0·7	1·0	1·3	1·3	1·4	7 24	4·0	12 28	—0·2	4†
0·4	0·8	1·3	0·9	0·6	0·7	0·9	0·9	1·2	1·1	7 30	4·5	13 16	—1·8	5
0·8	1·3	1·1	0·8	0·5	0·4	0·8	0·8	1·0	1·1	7 12	4·1	12 40	—1·7	6
—0·2	0·5	1·0	1·5	1·9	1·5	1·9	1·4	1·3	1·1	8 0	4·0	13 40	—2·7	7
0·5	0·9	1·0	0·9	0·7	0·5	0·8	0·9	0·9	1·0	6 28	4·2	12 20	—2·3	8
0·5	0·9	1·3	1·0	0·4	0·6	0·9	1·0	1·1	1·3	7 4	4·7	13 0	—1·7	9
0·2	0·5	0·7	1·0	0·8	0·6	0·8	1·0	1·2	1·0	6 40	3·6	12 20	—2·0	10
—0·9	0·5	0·8	0·9	0·6	0·5	0·5	0·9	0·9	0·7	6 8	3·2	13 0	—2·5	11
—0·4	0·2	0·6	0·6	0·5	0·4	0·7	0·7	0·7	1·0	8 0	4·1	13 30	—1·6	12†
0·0	0·6	1·4	1·0	0·5	0·6	1·1	1·1	1·2	1·1	7 40	3·8	12 20	—1·9	13
—0·3	0·5	1·0	1·2	0·7	0·7	0·8	0·9	1·3	0·9	7 0	4·1	12 40	—3·4	14
0·4	1·1	1·3	1·1	0·7	0·5	0·4	0·6	0·6	1·2	7 28	4·2	13 36	—1·6	15
—0·1	0·2	1·2	1·2	0·7	0·3	0·7	0·7	0·7	1·1	8 0	4·1	12 44	—1·3	16
—0·1	0·7	0·7	0·7	0·3	0·4	0·7	0·9	1·3	1·0	7 36	3·7	13 56	—0·5	17
0·5	0·0	—0·1	0·6	0·7	0·8	1·0	1·3	1·1	1·1	7 20	3·3	12 0	—0·5	18
0·0	1·1	1·4	1·1	0·7	0·7	0·9	1·1	1·1	0·9	8 0	3·1	12 16	—2·7	19
0·2	0·7	1·2	1·0	0·6	0·7	1·0	1·4	1·4	1·3	7 36	3·9	14 44	—0·3	20†
—0·2	0·8	0·9	0·8	0·5	0·6	0·5	0·6	0·8	0·7	7 20	3·6	11 56	—2·8	21
0·5	0·9	1·3	0·9	0·8	0·6	0·5	0·8	1·1	1·0	7 6	3·5	12 0	—1·3	22
—1·0	1·1	0·5	0·3	0·2	0·9	1·3	1·9	1·9	0·7	8 20	3·2	13 0	—2·8	23
—0·8	—0·3	—0·1	0·0	—0·4	—0·3	—0·1	0·3	0·5	0·8	8 4	5·1	12 22	—2·6	24
0·2	1·2	1·4	0·4	—0·2	—0·2	—0·2	0·1	0·3	0·6	8 12	3·5	13 0	—2·4	25†
0·1	1·1	1·3	0·6	—0·1	—0·2	—0·1	0·2	0·1	0·3	7 32	3·5	12 20	—3·3	26†
—1·7	—0·4	0·4	—0·1	—0·8	—0·7	—0·4	—0·2	0·0	—0·1	8 0	3·9	13 0	—4·4	27
—3·4	—2·3	—0·7	—0·4	—0·5	—0·8	—0·7	—0·3	—0·2	—0·5	7 12	3·4	14 20	—4·3	28
—1·5	—0·9	—0·2	—0·1	—0·1	—0·3	—0·2	—0·1	0·3	0·3	7 0	3·4	14 12	—2·7	29
—2·2	—0·9	0·2	0·1	—0·4	—0 4	—0·1	0·3	0·5	0·1	7 56	2·6	13 40	—2·9	30
—0·3	0·3	0·7	0·7	0·5	0·5	0·6	0·8	1·0	0·9					Mean
0·2	0·7	1·1	0·6	0·3	0·3	0·5	0·7	0·7	0·9					Mean†

*See footnote on page 89.
†Five international quiet days.
‡*Minus* sign in this table indicates *westerly* declination.

(Averages for periods of sixty minutes from full hour to full hour of local mean time).

JULY. 0° PLUS TABULAR QUANTITIES.

Date.	Hours.															
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	0·6	0·6	0·5	0·6	0·8	1·3	2·3	2·8	2·1	0·3	—1·0	—1·6	—2·3	—1·9	—1·8
2	0·2	0·4	0·3	0·5	0·8	1·3	2·3	3·4	3·5	2·4	0·7	—1·2	—2·8	—2·7	—2·3
3	0·1	0·4	0·3	0·5	0·5	0·9	1·6	1·4	1·1	0·3	—0·6	—1·8	—2·2	—2·4	—2·5
4	1·3	1·3	1·2	0·9	1·2	1·8	3·3	2·9	2·1	0·7	—0·4	—1·5	—2·3	—3·4	—2·5
5	0·7	0·7	0·9	0·9	1·0	1·8	2·2	2·3	1·3	0·5	—0·2	—1·1	—1·9	—1·9	—1·9
6	0·6	1·0	1·4	1·3	1·5	1·3	3·0	4·0	3·2	1·5	0·4	—0·9	—1·3	—0·6	—0·6
7	0·7	0·7	1·0	0·8	0·8	1·5	3·6	4·4	3·9	1·7	—0·8	—2·5	—2·4	—2·4	—1·9
8	0·8	0·9	0·7	0·7	0·8	1·8	3·4	4·3	3·7	3·3	1·2	—0·7	—2·7	—2·9	—1·7
9	0·5	0·5	0·7	0·8	0·9	1·6	3·2	3·9	3·2	0·9	—1·9	—3·3	—3·4	—3·4	—2·7
10	0·5	0·6	0·6	0·5	0·8	1·7	3·6	4·6	3·9	1·5	—0·7	—2·0	—2·5	—3·0	—2·7
11†	0·5	0·8	0·8	1·0	1·1	1·8	3·4	4·1	4·1	3·0	0·6	—2·2	—3·5	—3·9	—2·7
12	0·6	0·5	0·6	0·7	0·7	1·6	2·6	2·6	1·7	0·8	—0·5	—1·5	—2·2	—2·4	—2·3
13	0·8	1·0	0·7	0·6	0·5	1·5	2·8	3·0	2·0	0·2	—1·4	—2·6	—2·4	—2·1	—1·5
14†	0·5	0·2	0·3	0·3	0·3	1·1	2·6	3·0	2·4	1·2	—0·3	—1·3	—2·1	—2·1	—0·8
15	0·5	0·4	0·3	0·3	0·5	1·2	3·3	2·9	2·5	1·5	0·6	—0·3	—1·9	—3·0	—2·3
16	0·3	0·2	0·2	0·1	0·2	0·5	1·9	2·9	2·9	2·5	1·6	0·4	—0·8	—1·2	—1·2
17	0·1	0·0	0·2	0·3	0·2	0·9	1·7	2·0	1·9	0·7	—0·2	—0·6	—1·1	—1·6	—1·8
18	0·3	0·2	0·5	0·7	0·6	0·9	1·7	2·4	2·6	1·6	—0·2	—1·1	—1·4	—1·7	—1.1
19	0·5	0·3	0·3	0·5	0·8	1·0	1·9	2·3	1·7	0·8	—0·1	—0·9	—0·9	—0·9	—0·1
20	0·3	0·2	0·6	0·6	0·6	1·1	2·3	2·9	2·8	1·8	0·6	—0·5	—0·6	—0·2	0·2
21†	0·6	0·5	0·4	0·8	0·6	1·1	2·0	2·5	2·5	1·7	0·9	0·0	—0·9	—0·1	0·6
22†	0·1	0·3	0·6	0·7	0·7	1·2	1·5	1·7	1·2	0·7	—0·3	—1·3	—1·3	—0·3	—0·2
23†	0·3	0·5	0·5	0·6	0.7	1·1	1·9	2·1	2·1	0·8	—0·4	—2·1	—3·4	—2·8	—1·1
24	0·3	0·3	0·4	0·3	0·5	1·3	2·6	2·7	1·9	1·2	0·1	—0·2	—0·4	—0·4	—0·1
25	0·9	0·9	0·9	0.9	0·9	1·5	3·0	3·5	2·8	0·3	—0·7	—2·5	—4·0	—4·1	—3·1
26	0·5	0·7	1·0	1·0	0·9	1·4	2·5	2.1	1·3	1·2	0·7	0.1	—1·1	—1·6	—1·9
27	0·8	0·9	0·9	0·7	0·8	1·4	2·9	3·5	3·1	2·0	1·1	0·2	—0·7	—1·5	—1·5
28	0·8	0·9	1·3	0·9	1·1	2·0	3·8	4·4	4·0	3·1	2·0	1·2	0·2	—1·2	—1·9
29	0·9	0·9	1·0	0·9	1·0	1·3	2·4	3·1	3·9	3·8	2·9	2·3	0·9	—0·3	—0·1
30	0·6	0·7	0·8	0·8	0·9	1·2	2·1	2·7	2·2	1·4	0·7	0·4	0·4	—1·1	—2·5
31	0·7	0·7	0·7	0.8	0·9	1·7	2·9	3·8	3·7	2·5	1·3	0·7	0·4	—0·5	—1·2
Mean .	0·5	0·6	0·7	0·7	0·8	1·3	2·6	3·0	2·6	1·5	0·2	—0·9	—1·6	—1·9	—1·5
Mean† .	0·4	0·5	0·5	0·7	0·7	1·3	2·3	2·7	2·5	1·5	0·1	—1·4	—2·3	—1·8	—0·8

AUGUST.

1	1·8	2·1	2·2	2·4	2·8	3·1	4·4	5·4	4·9	3·2	1·8	0·7	—0·7	—2·0	1·4
2	1·4	1·3	1·3	1·6	2·1	2·9	3·9	4·1	3·4	2·0	0·8	—0·2	—1·0	—1·2	—1·0
3	1·1	1·3	1·3	1·3	1·3	1·8	2·8	3·1	2·7	1·4	0·1	—0·6	—0·3	0·5	1·0
4	0·9	1·1	1·2	1·2	1·4	2·0	2·7	2·8	2·3	1·4	0·7	—0·8	—1·8	—1·5	—0·6
5	0·5	0·7	1·0	1·3	1·3	2·2	3·4	3·6	3·6	3·0	1·2	—0·4	—1·7	—1·7	—1·9
6	0·5	0·7	0·7	0·6	0·7	1·1	2·5	2·9	2·1	1·1	0·2	—0·3	0·0	0·0	0·0
7†	0·8	0·8	0·8	0·7	0·7	1·3	2·5	3·4	3·2	2·0	0·9	—0·1	—0·7	—0·5	0·0
8†	0·6	0·6	0·7	0·8	1·1	1·7	2·9	3·1	2·6	1·5	0·6	—0·4	—1·1	—1·2	—1·0
9	0·4	0·6	0·6	0·6	0·8	1·3	2·5	2·9	2·1	0·8	—0·7	—2·0	—2·3	—1·0	0·0
10	0·5	0·9	0·7	0·9	0·8	2·0	3·1	2·7	1·6	0·3	—0·5	—1·9	—2·6	—2·4	—2·2
11	0·5	0·5	0·6	0·5	0·6	1·4	2·6	3·3	2·6	0·7	—1·1	—2·1	—2·7	—2·1	—1·2
12	0·5	0·5	0·5	0·6	0·6	1·0	1·9	3·5	2·9	2·1	0·5	—0·5	—1·6	—1·7	—0·7
13	0·8	0·9	1·0	1·2	1·1	1·3	1·7	2·5	1·5	—0·6	—2·1	—3·3	—2·6	—1·0	0·9
14	0·5	0·7	0·9	1·1	1·1	1·8	2·7	2·9	2·0	0·3	—0·9	—1·5	—1·6	—1·5	—1·0
15	0·6	0·5	0.4	0·4	0·7	0·9	2·1	2·5	2·3	1·2	0·1	—1·3	—2·1	—1·8	—0·9
16	0·5	0·7	0·8	0·9	1·1	1·5	2·3	2·5	1·8	0·3	—0·9	—1·6	—1·5	—1·1	—1·1
17	0·4	0·5	0·8	0·9	1·0	0·9	1·5	2·1	2·1	1·5	0·0	—0·8	—0·9	—0·3	0·4
18	0·5	0·4	0·4	0·3	0·5	0·9	2·0	2·9	2·5	1·5	0·3	—0·6	—1·1	—0·8	—0·3
19	0·5	0·7	0·8	0·6	0·8	1·5	2·3	3·2	3·3	2·9	2·2	0·6	—0·4	0·0	—0·1
20	0·9	0·8	0·7	0·9	1·0	1·5	2·8	3·0	1·6	—0·4	—2·1	—2·9	—3·2	—2·6	—1·3
21†	0·7	0·7	0·5	0·5	0·9	1·7	2·7	2·9	2·2	0·8	—0·4	—1·3	—2·4	—2·4	—1·6
22†	0·6	0·5	0·6	0·7	0·5	1·0	2·8	3·9	3·6	1·8	—0·2	—1·4	—1·8	—1·5	—0·7
23†	0·2	0·2	0·4	0·4	0·4	0·5	1·7	2·4	1·6	0·3	—1·6	—2·9	—3·6	—3·4	—2·8
24	0·3	0·4	0·5	0·4	0·4	0·8	1·5	2·1	1·9	1·6	0·5	—1·3	—3·1	—3·8	—2·1
25	0·4	0·4	0·3	0·2	0·4	1·2	2·7	3·7	3·4	2·2	0·8	—0·6	—1·2	—1·1	—0·7
26	0·4	0·6	0·4	0·4	0·5	1·1	2·1	2·6	2·3	1·2	0·4	0·0	—0·7	—1·0	—1·0
27	0·2	0·3	0·4	0·4	0·5	1·1	2·1	2·9	2·5	1·7	0·6	—0·3	—1·3	—2·1	—1·7
28	0·3	0·2	0·5	0·5	0·5	0·8	1·5	2·1	1·9	0·4	—0·9	—1·3	—2·1	—1·5	—0·7
29	0·4	0·6	0·4	0·5	0·6	0·7	1·3	2·2	2·5	1·5	—0·3	—1·2	—1·0	—0·6	—0·6
30	0·3	0·3	0·1	0·1	0·1	0·8	2·3	3·1	2·7	0·5	—1·4	—2·7	—2·7	—1·9	—1·1
31	0·1	0·1	0·2	0·3	0·4	0·9	2·3	2·6	2·2	0·8	—1·1	—2·7	—3·5	—3·2	—2·4
Mean .	0·6	0·7	0·7	0·7	0·9	1·4	2·4	3·0	2·5	1·3	—0·1	—1·2	—1·7	—1·5	—1·0
Mean† .	0·6	0·6	0·6	0·6	0·7	1·2	2·5	3·1	2·6	1·3	—0·1	—1·2	—1·9	—1·8	—1·2

† Five international quiet days.
‡ *Minus* sign in this table indicates *westerly* declination.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JULY. 0° PLUS TABULAR QUANTITIES.

Hours. 15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.*	Maximum. Time.		Maximum. Mag.	Minimum. Time.		Minimum. Mag.	Date.
′	′	′	′	′	′	′	′	′	′	H.	M.	′	H.	M.	′	
−1·4	−0·7	−0·2	0·1	−0·3	−0·5	−0·3	−0·1	0·1	0·0	7	36	3·0	12	20	−2·7	1
−1·4	−0·4	0·3	0·1	−0·4	−0·6	−0·4	−0·3	−0·1	0·1	8	0	2·6	13	0	−3·1	2
−1·5	−0·6	−0·1	0·3	0·2	0·5	0·7	0·9	1·2	0·0	6	12	1·7	14	0	−2·9	3
−1·1	0·1	0·4	0·3	0·2	0·3	0·4	0·5	0·5	0·3	6	44	3·4	13	20	−2·5	4
−1·3	−0·9	−0·4	−0·1	−1·0	−0·9	−0·3	−0·2	0·3	0·0	7	26	2·5	12	48	−2·5	5
−0·4	−0·1	0·3	0·3	0·4	0·2	−0·1	0·1	0·6	0·7	7	26	4·2	12	0	−1·7	6
−1·5	−0·7	−0·1	0·1	−0·2	−0·1	0·0	0·4	0·7	0·3	7	32	4·6	12	0	−2·9	7
−0·4	0·4	0·9	0·6	0·2	0·2	0·1	0·2	0·3	0·7	7	32	4·4	13	0	−3·5	8
−1·3	0·0	0·4	0·2	−0·2	−0·2	0·1	0·5	0·5	0·1	7	26	4·0	13	0	−3·6	9
−1·5	−0·7	−0·1	0·1	0·0	−0·1	0·3	0·3	0·4	0·3	7	30	4·7	13	30	−3·1	10
−1·0	0·5	1·0	0·7	0·1	0·0	0·1	0·5	0·5	0·5	7	34	4·2	13	0	−4·1	11†
−0·9	0·0	0·6	0·4	0·5	0·0	−0·3	−0·3	0·2	0·2	7	0	2·8	13	36	−2·9	12
−0·6	0·4	0·5	−0·2	−0·7	−0·9	−0·6	0·0	0·2	0·0	7	4	3·6	11	32	−2·9	13
−0·3	0·4	0·4	0·4	−0·1	−0·1	0·0	0·3	0·6	0·3	7	21	3·1	12	40	−2·4	14†
−0·7	0·3	0·8	0·5	−0·3	−0·4	−0·1	−0·1	0·0	0·2	7	30	3·1	13	40	−3·2	15
−1·1	−0·4	0·0	0·0	−0·2	−0·4	−0·4	0·0	0·4	0·3	7	56	3·1	13	13	−1·3	16
−1·3	−0·7	−0·2	0·0	0·1	−0·2	−0·1	0·1	0·0	0·0	7	56	2·1	14	40	−1·9	17
−0·2	0·1	0·2	0·6	0·5	0·3	0·3	0·1	0·5	0·3	7	56	2·9	13	24	−2·0	18
0·1	0·5	0·6	0·7	0·5	0·2	0·0	0·2	0·2	0·4	7	48	2·5	14	40	−1·3	19
1·0	1·4	1·2	0·4	0·0	0·0	0·2	0·2	0·5	0·7	7	52	3·0	11	20	−0·8	20
0·5	−0·3	−0·8	−0·3	−0·3	−0·4	−0·1	−0·1	0·1	0·5	8	0	2·7	12	20	−1·3	21†
0·2	0·5	0·4	0·2	0·2	0·2	−0·1	−0·1	0·2	0·3	7	20	1·8	11	40	−1·6	22†
0·2	0·9	0·9	0·2	−0·3	−0·2	−0·2	0·0	0·2	0·1	8	0	2·2	12	32	−3·6	23†
−0·3	−0·8	−0·9	−1·2	−1·5	−0·9	−0·6	−0·1	0·7	0·2	7	0	2·8	20	0	−1·7	24
−1·4	−0·2	0·3	0·1	−0·3	−0·4	−0·1	−0·1	0·3	0·0	7	23	3·6	13	0	−4·6	25
−0·8	0·0	0·9	0·7	0·4	0·1	0·2	0·3	0·4	0·5	7	0	2·6	14	0	−2·0	26
−1·4	−0·5	−0·7	0·3	−0·1	−0·2	0·0	0·8	0·7	0·6	7	42	3·6	14	0	−2·1	27
−1·7	−0·6	0·5	0·7	−0·1	−0·1	0·1	0·3	0·6	0·9	6	56	4·5	14	4	−2·1	28
−0·2	0·2	0·3	0·5	0·3	0·3	0·2	0·2	0·4	1·1	8	30	4·1	13	54	−0·6	29
−1·3	−0·2	0·4	0·9	0·0	−0·2	0·1	0·5	0·6	0·5	7	26	2·8	14	20	−2·7	30
−0·7	0·0	0·6	1·3	1·2	0·8	1·1	1·5	1·5	1·1	8	0	3·9	14	24	−1·4	31
−0·8	−0·1	0·3	0·3	0·0	−0·1	0·0	0·2	0·4	0·4							Mean.
−0·1	0·4	0·4	0·2	−0·1	−0·1	−0·1	0·1	0·3	0·3							Mean.†

AUGUST.

−0·9	0·2	1·2	1·5	0·9	0·8	0·7	0·7	0·9	1·5	7	20	5·5	13	28	−2·5	1
−0·7	−0·3	−0·2	0·1	−0·3	0·0	0·2	0·3	0·6	0·9	7	16	4·2	13	0	−1·5	2
0·8	0·2	0·2	0·2	−0·3	−0·3	0·1	0·3	0·8	0·9	7	38	3·3	11	20	−0·8	3
0·0	0·8	1·0	0·9	0·3	0·1	0·1	0·2	0·3	0·7	7	30	4·1	12	24	−2·1	4
−0·8	0·2	0·4	0·4	−0·1	0·0	0·2	0·2	0·4	0·7	8	0	3·8	13	4	−2·1	5
0·7	1·0	1·2	0·7	0·2	0·2	0·3	0·4	0·7	0·8	7	0	3·1	11	20	−0·6	6
0·6	1·3	1·1	0·3	0·0	0·0	0·1	0·3	0·4	0·8	3	0	3·5	12	28	−0·9	7†
0·0	0·9	1·0	0·5	−0·1	0·0	0·0	0·1	0·3	0·6	7	12	3·2	13	40	−1·5	8†
0·7	0·9	0·9	0·6	0·4	0·5	0·6	0·3	0·3	0·5	7	28	3·1	12	24	−2·5	9
−2·3	−1·1	−0·1	0·8	0·2	0·0	0·2	0·3	0·5	0·1	6	56	3·5	12	0	−3·4	10
−0·5	0·1	0·2	0·3	0·1	0·1	0·1	0·3	0·4	0·2	7	56	3·5	12	32	−2·8	11
0·4	1·5	1·9	1·7	1·0	0·5	0·7	0·9	1·1	0·8	8	8	4·0	13	42	−2·1	12
1·5	1·4	1·5	1·3	1·1	0·8	0·8	0·9	0·9	0·5	7	28	2·7	11	44	−3·9	13
−0·8	0·2	1·0	0·8	0·5	0·1	0·1	0·2	0·5	0·4	7	0	3·1	13	0	−2·1	14
0·0	0·5	1·0	1·2	0·7	0·7	0·5	0·3	0·5	0·5	7	56	2·6	13	0	−2·4	15
−0·9	0·0	0·5	0·4	0·0	−0·2	0·0	0·0	0·2	0·3	7	2	2·6	11	20	−2·0	16
1·1	1·3	1·2	1·1	0·9	0·5	0·6	0·5	0·5	0·7	8	0	2·3	12	28	−1·5	17
−0·3	−0·5	−0·1	0·4	−0·1	0·0	0·0	0·1	0·3	0·4	7	50	3·1	12	44	−1·5	18
0·0	0·1	0·3	0·1	0·1	0·2	0·5	0·7	1·0	0·9	8	0	3·4	13	0	−0·6	19
−0·3	0·1	−0·1	−0·2	−0·1	0·1	0·3	0·5	0·8	0·1	7	0	3·1	12	0	−3·5	20
−0·7	0·3	0·4	0·4	0·4	0·3	0·3	0·5	0·5	0·3	7	12	3·0	12	58	−2·9	21†
0·4	1·0	0·8	0·4	0·1	0·0	−0·1	−0·1	0·1	0·5	7	56	4·0	12	16	−1·9	22†
−1·8	−1·1	−0·3	−0·1	−0·2	−0·2	0·0	0·1	0·2	−0·4	7	28	2·5	12	48	−4·0	23†
−0·6	0·4	1·1	0·4	−0·1	−0·2	−0·2	0·2	0·4	0·1	7	48	2·2	13	8	−4·9	24
−0·6	−0·3	0·0	0·2	0·0	−0·2	−0·1	0·0	0·2	0·5	7	56	3·8	12	12	−1·6	25
−0·7	0·2	0·7	0·7	0·4	−0·1	−0·2	−0·1	0·1	0·4	7	34	2·7	13	0	−1·2	26
−0·7	−0·1	−0·2	−0·5	−0·7	−0·4	−0·2	−0·2	0·2	0·2	7	36	3·0	13	4	−2·2	27
−0·3	0·0	0·1	−0·3	−0·3	−0·4	−0·1	0·0	0·3	0·0	8	0	2·2	12	36	−2·4	28
−0·6	−0·4	−0·5	−0·7	−0·7	−0·6	−0·1	0·0	0·2	0·1	8	56	2·6	11	20	−1·3	29
−0·6	−0·1	−0·3	−0·3	−0·4	−0·4	0·0	0·1	0·1	−0·1	7	56	3·2	12	0	−2·8	30
−1·6	−1·0	−0·2	0·0	−0·3	−0·2	−0·1	0·1	0·2	−0·3	7	28	3·0	12	0	−3·6	31
−0·3	0·2	0·5	0·4	0·1	0·1	0·2	0·3	0·4	0·5							Mean.
−0·3	0·5	0·6	0·3	0·0	0·0	0·1	0·2	0·3	0·4							Mean.†

*See footnote on page 89.
†Five international quiet days.
‡*Minus* sign in this table indicates *westerly* declination.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER. 0° PLUS TABULAR QUANTITIES.

Date.	Hours.															
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1†	0·3	0·3	0·4	0·4	0·6	0·8	1·9	2·6	2·2	1·2	0·0	—0·9	—1·9	—1·8	—1·2
2	0·1	0·0	0·0	0·0	0·1	0·7	1·5	2·1	1·8	0·8	—0·6	—1·9	—3·5	—3·7	—2·8
3	0·2	0·4	0·3	0·4	0·6	1·0	2·6	3·5	2·7	0·6	—1·4	—2·8	—3·6	—3·3	—2·3
4†	0·1	0·1	0·1	0·1	0·1	0·7	1·8	2·3	1·6	1·0	—0·2	—1·4	—1·9	—1·6	—0·8
5†	0·2	0·3	0·3	0·4	0·7	1·2	2·5	2·7	0·8	—1·7	—3·4	—3·7	—3·0	—1·6	—0·3
6	0·1	0·4	0·4	0·4	0·6	1·1	2·2	2·4	1·2	—0·7	—2·0	—3·1	—3·3	—2·4	—1·3
7	0·4	0·4	0·3	—0·1	0·2	0·6	2·2	3·5	3·2	1·5	—0·4	—2·1	—2·8	—2·1	—1·2
8	0·2	0·4	0·4	0·7	0·9	1·0	2·3	3·5	2·6	1·0	—0·3	—1·5	—2·2	—2·4	—2·0
9	0·6	0·8	0·1	0·7	0·8	1·2	2·7	3·3	2·7	1·3	0·3	—0·9	—1·4	—1·7	—1·4
10	0·5	0·7	0·4	0·4	0·7	0·9	2·3	3·0	2·3	0·7	—0·6	—2·8	—3·0	—2·2	—1·7
11	0·8	0·8	0·7	0·7	0·8	0·9	1·8	2·9	2·9	1·9	1·0	—0·1	—1·0	—1·6	—1·1
12	0·6	0·6	0·7	0·6	0·5	0·8	2·2	2·7	1·9	—0·1	—1·7	—2·4	—3·2	—2·9	—1·6
13	0·4	0·4	0·4	0·4	0·5	0·8	2·3	3·7	3·5	2·0	0·8	—0·6	—1·2	—1·1	—0·1
14	0·2	0·3	0·2	0·1	0·2	0·8	2·0	2·7	2·4	1·6	0·3	—1·0	—1·9	—2·6	—1·9
15	1·6	1·2	0·4	0·8	0·8	1·2	2·5	3·4	3·0	1·2	—0·7	—1·9	—2·7	—2·3	—1·8
16	2·5	4·0	4·4	3·9	4·0	4·6	6·5	6·7	4·9	2·8	0·4	—1·2	—1·9	—1·6	—1·3
17	0·9	1·1	0·5	0·9	1·1	1·4	2·5	3·4	2·8	1·7	0·2	—1·7	—2·1	—1·2	—0·2
18	0·7	0·7	0·7	0·4	0·7	0·8	1·6	2·7	2·2	1·1	—0·2	—1·7	—2·0	—1·4	—0·1
19	1·2	1·0	0·6	0·3	0·1	0·7	2·1	2·9	2·6	1·6	0·4	—0·7	—1·7	—1·2	—0·6
20	1·9	1·5	1·3	1·3	1·2	1·4	2·5	2·5	1·3	—0·4	—1·3	—1·5	—1·7	—1·0	—0·3
21	2·3	1·9	1·5	1·4	2·2	2·1	3·0	3·8	2·9	1·9	1·9	0·3	—0·3	0·8	1·9
22	1·9	1·4	0·2	0·5	0·2	0·8	2·1	2·6	2·1	0·7	—0·1	—1·1	—2·1	—1·2	0·2
23	0·9	1·0	0·7	0·7	0·9	1·1	1·8	2·5	2·1	0·5	—1·1	—2·6	—2·9	—2·2	—0·8
24	0·8	0·5	0·6	1·0	1·0	1·4	2·5	3·2	3·1	1·7	0·1	—1·0	—1·7	—1·4	—0.1
25	0·8	0·9	0·8	0·9	1·1	1·3	2·4	3·9	4·1	2·7	1·0	—0·7	—1·6	—1·2	—0·3
26	0·7	0·6	0·6	0·6	0·7	1·1	1·7	2·4	1·8	0·1	—1·3	—2·4	—2·5	—1·8	—0·7
27	0·5	0·7	0·7	0·7	0·8	1·1	2·0	3·0	2·9	1·6	—0·2	—1·7	—2·1	—1·6	—0·7
28†	0·4	0·4	0·6	0·6	0·5	0·8	1·4	2·2	2·1	2·0	0·9	—0·8	—1·6	—0·9	0·1
29†	0·4	0·4	0·4	0·3	0·4	0·7	1·5	2·5	2·0	0·7	—0·8	—1·9	—2·2	—1·8	—0·2
30	0·2	0·2	0·3	0·2	0·3	0·4	1·5	2·4	2·5	1·3	—0·1	—1·1	—1·2	—1·2	—0·6
Mean	0·7	0.8	0·6	0·7	0·8	1·1	2·3	3·0	2·5	1·1	—0·3	—1·6	—2·1	—1·7	—0·8
Mean†	0·3	0·3	0·3	0·4	0·5	0·9	1·8	2·5	1·7	0·7	—0·7	—1·8	—2·1	—1·5	—0·5

OCTOBER.

1†	0·1	0·2	0·3	0·1	0·3	0·5	1·2	1·7	1·5	1·1	0·4	—0·6	—1·1	—1·2	—0·6
2	0·5	0·5	0·3	0·5	0·3	0·5	1·2	1·7	1·4	0·4	—0·6	—1·6	—2·2	—1·5	—0·3
3	0·6	0·8	0·7	0·4	0·4	0·4	1·3	2·1	2·2	1·4	0·4	—0·9	—1·4	—0·7	—0·3
4	1·1	1·4	1·5	1·1	0·7	0·5	1·0	1·6	1·4	0·2	—0·9	—0·7	—0·5	—0·2	0·7
5	0·6	0·7	0·7	0·6	0·6	0·6	1·3	1·6	1·5	0·9	—0·5	—1·3	—2·0	—1·8	—0·5
6	0·6	0·6	0·5	0·5	0·6	0·6	1·0	1·3	1·1	0·4	—0·7	—1·9	—2·5	—2·0	—0·4
7	0·9	0·9	0·5	0·9	0·6	0·7	1·6	2·5	1·8	0·9	0·1	—1·1	—1·6	—0·6	0·6
8	1·0	1·1	1·2	1·1	1·2	1·1	1·7	2·3	1·3	—0·5	—1·4	—1·7	—1·2	0·0	0·6
9	0·6	0·7	0·6	0·5	0·4	0·8	1·7	2·0	1·2	0·2	—0·6	—1·7	—1·8	—0·8	0.7
10†	0·7	0·8	0·6	0·5	0·5	0·7	1·5	1·6	1·1	0·1	—0·8	—1·5	—1·7	—1·0	0·1
11	0·5	0·5	0·4	0·4	0·4	0·6	1·1	1·6	1·1	—1·1	—2·6	—3·5	—3·9	—2·7	—1·4
12	—0·5	—0·7	—0·6	—0·5	—0·5	—0·5	—0·4	0·1	0·1	—0·8	—1·8	—2·8	—3·0	—2·3	—1·4
13	—0·5	—0·4	—0·5	—0·6	—0·5	—0·4	0·7	1·6	1·2	0·5	—0·5	—2·5	—3·5	—2·5	—1·5
14	—0·8	0·1	0·6	0·1	1·1	1·4	1·7	1·7	2·0	1·5	0·1	—1·5	—2·2	—1·6	—0·8
15	1·1	2·0	2·6	1·7	1·1	0·0	1·1	0·9	0·4	0·4	0·2	1·0	—0·6	0·1	2·2
16	7·5	3·6	2·5	0·9	1·7	1·4	1·2	1·7	2·2	1·6	0·2	—0·5	—0·9	0·1	1·1
17	0·5	0·6	0·4	0·2	0·2	0·3	1·4	2·1	1·9	0·6	—0·5	—1·4	—1·1	—0·6	—0·4
18	0·6	0·7	0·5	0·6	0·5	0·5	1·2	1·7	1·6	0·8	—0·4	—0·6	0·0	1·0	1·2
19	0·1	0·2	0·1	0·0	—0·2	—0·2	0·4	1·2	1·7	0·8	—0·1	—0·6	—0·8	—0·4	0·4
20	0·7	1·0	0·8	0·7	0·5	0·4	0·2	0 3	0·0	—0·2	—1·0	—1·7	—1·2	—0·3	0·8
21†	0·2	0·3	0·2	0·3	0·4	0·7	0·5	0·3	—0·2	—0·3	—1·1	—1·7	—1·4	—0·5	0·2
22†	0·0	0·1	0·1	—0·1	—0·2	—0·1	0·2	0·7	0·7	—0·1	—1·1	—1·6	—1·7	—1·0	—0·3
23†	0·1	0·0	0·1	—0·1	—0·2	—0·3	—0·5	—0·1	0·3	0·3	—0·1	—0·9	—1·5	—1·1	—0·8
24	—0·3	—0·2	—0·4	—0·5	—0·4	—0·5	—0·6	—0·4	—0·4	—0·5	—1·1	—2·4	—2·7	—1·9	—0·7
25	—0·1	0·1	0·1	—0·1	—0·3	—0·3	—0·3	—0·1	0·1	—0·3	—1·0	—1·7	—1·3	—0·1	1·2
26	0·7	0·7	0·6	0·5	0·4	0·3	0·0	0·1	—0·3	—0·4	—0·8	—1·0	—0·5	—0·3	0·7
27	0·1	0·1	0·0	—0·3	—0·2	—0·1	0·1	0·0	0·0	0·3	—0·3	—1·1	—1·5	—0·9	—0·4
28	0·0	0·1	0·1	0·1	—0·1	0·0	0·3	0·5	0·4	0·1	—0·4	—0·6	—0·3	0·1	0·4
29	—0·1	—0·2	—0·1	—0·3	—0·3	—0·5	0·2	—0 9	—1·0	—0·7	—0·8	—0·8	—0·3	0·4	0·7
30	0·3	0·7	0·6	0·5	0·6	0·3	0·2	—0·2	—0·3	—0·8	—1·0	—1·0	—0·5	0.4	0·9
31	0·2	0·2	0·1	0·1	0·1	0·3	0·7	1·2	0·7	0·2	—0·6	—1·1	—1·1	—1·4	—1·2
Mean	0·5	0·5	0·5	0·3	0·3	0·3	0·7	1·0	0·9	0·2	—0·6	—1·3	—1·5	—0·8	0·1
Mean†	0·2	0·3	0·3	0·2	0·2	0·3	0·6	0·9	0·7	0·2	—0·5	—1·3	—1·5	—1·0	—0·3

† Five international quiet days.
‡ *Minus* sign in this table indicates *westerly* declination.

(Averages or periods of sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER. 0° PLUS TABULAR QUANTITIES.

Hours. 15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.*	Maximum. Time.	Maximum. Mag.	Minimum. Time.	Minimum. Mag.	Date.
′	′	′	′	′	′	′	′	′	′	H. M.	′	H. M.	′	
−0·5	0·1	0·2	0·0	−0·1	−0·1	0·0	0·0	0·0	0·2	8 0	2·7	12 30	−2·4	1†
−1·5	−0·1	0·8	0·5	0·1	−0·1	0·0	−0·1	0·1	−0·3	8 0	2·2	13 0	−4·3	2
−0·8	0·4	0·5	0·0	−0·3	−0·4	−0·1	0·1	0·1	−0·1	7 19	3·6	12 28	−3·8	3
0·3	0·8	0·6	0·1	−0·3	−0·3	−0·1	0·0	0·1	0·1	7 28	2·4	12 24	−2·2	4†
0·8	0·9	0·3	−0·3	−0·3	−0·4	−0·3	−0·3	−0·1	−0·2	7 8	2·8	11 0	−4·1	5†
−0·2	0·7	0·1	−0·4	−0·7	−0·6	−0·6	−0·2	0·2	−0·2	7 32	2·5	11 56	−3·4	6
−0·3	0·2	0·0	−0·3	−0·3	−0·3	−0·1	0·0	0·0	0·1	8 0	3·6	12 20	−2·9	7
−0·4	1·2	1·6	1·0	1·2	1·8	1·3	2·0	0·4	0·6	7 18	3·7	13 24	−2·6	8
−0·9	−0·5	0·1	0·6	0·4	0·4	0·5	0·5	0·7	0·5	7 0	4·1	13 0	−1·9	9
−1·1	0·4	0·8	1·2	1·0	1·1	0·8	0·5	0·9	0·3	7 44	3·1	12 0	−3·3	10
−0·2	0·9	0·9	1·2	0·8	0·4	0·1	0·3	0·2	0·7	7 56	3·0	13 30	−1·7	11
−0·3	0·4	0·2	−0·1	−0·3	−0·1	0·1	0·2	0·4	−0·1	7 26	2·9	12 24	−5·4	12
0·7	1·0	0·7	0·2	0·0	−0·1	0·0	0·1	0·1	0·6	8 0	3·9	13 0	−1·3	13
−0·7	−0·1	0·0	−0·5	−0·5	−0·1	0·0	0·8	1·5	0·2	8 0	2·8	13 40	−2·9	14
−1·3	−1·1	−1·7	−1·4	−1·0	−0·1	0·3	1·0	1·4	0·1	7 24	3·5	11 56	−2·8	15
−0·7	−0·3	−0·3	0·2	0·4	0·7	0·8	0·7	1·0	1·7	7 0	7·3	12 44	−2·3	16
0·3	0·2	−0·1	0·4	0·2	0·4	0·4	0·4	0·6	0·6	7 20	3·5	12 16	−2·5	17
0·8	0·4	0·3	0·1	0·4	1·0	1·3	1·4	1·5	0·6	7 43	2·8	12 8	−2·2	18
−0·3	−0·1	−0·4	−0·6	−0·4	−0·5	0·3	0·8	1·1	0·4	7 20	3·6	12 30	−1·8	19
0·4	0·7	0·5	0·9	1·4	1·2	1·7	1·9	1·8	0·8	7 0	2·8	10 28	−1·8	20
3·0	3·4	2·6	2·5	2·7	2·3	1·8	2·4	1·3	2·1	7 24	3·9	12 0	−0·9	21
1·9	1·3	1·0	0·9	0·8	1·0	1·2	1·0	1·0	0·7	7 30	2·9	12 30	−2·4	22
0·5	0·9	0·9	0·7	0·7	0·6	0·4	0·4	0·8	0·3	7 40	2·8	12 0	−3·3	23
1·0	1·7	1·1	1·0	0·9	0·5	0·3	0·5	0·7	0·8	8 14	3·4	13 0	−1·8	24
0·6	1·3	1·8	1·3	0·7	0·3	0·4	0·5	0·6	1·0	8 28	4·5	12 20	−1·8	25
0·4	0·9	0·9	0·5	0·4	0·2	0·2	0·2	0·4	0·2	7 40	2·6	12 0	−2·7	26
0·4	0·8	0·7	0·4	0·4	0·2	0·3	0·3	0·4	0·5	8 0	3·3	12 16	−2·5	27
0·4	0·7	0·4	0·2	0·2	0·2	0·2	0·2	0·3	0·5	7 40	2·4	12 32	−1·7	28†
0·3	0·3	0·0	−0·1	−0·1	−0·1	0·1	0·0	0·0	0·1	7 58	2·9	12 0	−2·5	29†
−0·1	0·1	−0·2	−0·2	0·1	0·2	0·0	−0·1	0·0	0·2	8 4	2·7	12 0	−1·5	30
0·0	0·5	0·5	0·3	0·3	0·3	0·4	0·5	0·6	0·4					Mean.
0·3	0·6	0·3	0·0	−0·1	−0·1	0·0	0·0	0·1	0·2					Mean.†

OCTOBER.

0·5	0·8	0·4	0·1	0·1	0·2	0·1	0·2	0·3	0·3	7 32	1·9	13 0	−1·6	1†
0·6	0·8	−0·1	−0·2	0·0	0·4	0·5	0·3	0·4	0·1	7 34	2·0	12 20	−2·4	2
−0·1	−0·4	−0·9	−0·7	−0·3	0·3	0·5	0·4	0·7	0·3	8 16	2·3	12 0	−1·9	3
1·5	1·0	0·3	0·0	0·0	0·1	0·2	0·5	0·5	0·5	2 32	1·7	10 32	−1·3	4
0·9	1·3	0·4	−0·1	0·1	0·0	0·3	0·4	0·6	0·3	7 44	1·7	12 58	−2·3	5
1·0	1·6	0·8	0·2	0·1	0·3	0·6	0·7	0·7	0·3	7 0	1·4	13 0	−2·6	6
1·3	1·5	0·9	0·9	1·0	1·0	1·3	1·3	1·2	0·8	7 30	2·7	12 26	−2·3	7
0·9	0·7	0·5	0·6	1·1	0·9	0·6	0·6	0·6	0·6	7 32	2·4	11 38	−2·0	8
1·2	1·1	0·3	0·0	0·0	0·1	0·2	0·4	0·5	0·3	7 20	2·1	12 0	−2·3	9
1·2	1·4	−0·7	0·5	0·3	0·2	0·3	0·3	0·4	0·3	7 0	1·7	12 32	−2·0	10†
−0·4	−0·2	−0·5	−0·7	−0·6	−0·7	−0·7	−0·7	−0·6	−0·6	7 40	1·8	12 20	−4·3	11
−0·4	0·1	−0·3	−0·7	−0·9	−0·8	−0·8	−0·7	−0·7	−0·9	8 0	0·3	12 0	−3·3	12
−0·1	0·3	−0·5	−0·8	−0·6	−0·7	−1·0	−0·9	−0·7	−0·6	7 32	1·7	12 12	−3·6	13
0·5	0·5	−0·8	−1·0	−1·2	−0·9	−0·6	0·1	0·4	0·1	8 20	2·4	12 0	−2·4	14
1·9	0·4	−0·9	−0·8	−0·9	−0·9	2·5	4·3	5·3	1·2	23 6	6·6	12 40	−1·9	15
1·7	1·4	0·9	0·6	0·6	0·3	0·3	0·3	0·4	1·1	0 36	9·7	12 26	−1·5	16
0·1	0·3	0·4	0·9	0·3	0·3	0·1	0·1	0·3	0·3	8 0	2·3	11 42	−1·6	17
1·0	0·7	0·1	0·5	0·7	0·4	0·4	0·6	0·4	0·6	8 0	1·8	11 20	−0·7	18
0·8	0·0	−1·1	−1·0	−0·4	0·2	−0·3	1·1	0·9	0·1	8 36	1·9	18 38	−1·6	19
1·9	1·1	0·1	−0·3	−0·2	0·1	−0·1	0·1	0·2	0·1	15 26	2·2	11 28	−1·9	20
0·9	0·7	−0·3	−0·5	−0·6	−0·3	−0·2	0·1	0·1	−0·1	15 40	1·0	11 8	−1·8	21†
0·3	0·2	−0·4	−0·5	−0·4	−0·3	−0·3	−0·3	−0·1	−0·3	8 0	0·9	12 0	−1·9	22†
−0·4	0·1	−0·3	−0·4	−0·4	−0·5	−0·4	−0·4	−0·4	−0·3	9 22	0·7	12 20	−1·6	23†
0·1	−0·2	0·7	−0·4	−0·5	−0·5	−0·4	−0·3	−0·2	−0·7	16 0	0·3	12 0	−3·2	24
1·7	1·1	1·4	0·7	0·8	1·7	1·7	0·9	0·8	0·3	20 24	1·9	11 12	−2·2	25
1·4	1·0	−0·2	0·1	0·2	0·2	0·0	0·0	0·1	0·1	15 8	1·5	11 20	−1·1	26
−0·1	−0·3	−0·5	−0·2	0·1	0·1	0·1	0·2	−0·2	−0·2	9 22	0·5	12 20	−1·6	27
0·2	−0·1	−0·4	0·4	0·5	0·1	−0·2	−0·4	−0·2	0·0	8 26	0·7	11 20	−0·9	28
0·7	0·2	−0·6	−0·3	0·1	0·0	−0·3	0·1	0·3	−0·2	14 36	0·9	7 56	−1·1	29
1·0	0·0	−0·6	−0·5	−0·4	−0·3	−0·2	−0·3	−0·1	0·0	15 4	1·1	11 0	−1·5	30
−0·7	−0·2	−0·2	−0·2	−0·2	−0·1	0·1	0·2	0·3	−0·1	7 26	1·3	13 0	−1·6	31
0·7	0·5	−0·1	−0·1	−0·1	0·0	−0·1	0·3	0·4	0·1					Mean.
0·5	0·7	0·0	−0·1	−0·2	−0·1	−0·1	0·0	0·1	0·0					Mean.†

* See footnote on page 89.
† Five international quiet days.
‡ *Minus* sign in the tables indicates *westerly* declination.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

NOVEMBER. 0° PLUS TABULAR QUANTITIES.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	0·6	0·6	0·7	0·6	0·4	0·3	0·7	0·8	1·0	0·9	0.3	—0·1	—0·1	—0·4	—0·4
2	0·6	1·1	0·9	0·5	0·1	—0·3	—0·3	0·2	0·9	1·1	0·4	0·1	—0·3	—0·3	—0·1
3	0·2	0·0	—0·1	—0·3	—0·3	—0·1	—0·1	0·7	1·1	1·4	0·7	0·3	—0·1	0·2	0·6
4	0·3	0·3	0·0	—0·2	—0·4	—0·5	—0·4	0·1	0·6	0·2	—0·3	—0·9	—0·7	—0·3	0·2
5	0·4	0·3	0·1	0·0	—0·1	0·0	0·5	1·4	1·9	1·4	0·1	—1·2	—0·9	—0·5	0·0
6	0·2	0·2	0·2	—0·1	—0·3	—0·4	—0·5	0·2	0·7	0·6	0·0	—0·6	—0·2	—0·1	—0·2
7†	0·1	0·1	0·1	—0·1	—0·4	—0·5	—0·2	0·5	1·1	1·3	0·3	—1·2	—1·3	—0·8	—0·5
8†	—0·2	—0·3	—0·1	—0·2	—0·4	—0·6	—0·1	0·8	1·0	0·5	—0·3	—1·4	—1·5	—0·7	—0·5
9	—0·1	0·0	—0·1	—0·1	—0·5	—0·5	—0·1	0·4	0·5	0·3	—0·4	—1·4	—0·9	—0·6	—0·7
10	—0·1	—0·2	—0·4	—0·4	—0·4	—0·6	—0·4	0·1	0·0	—0·2	—0·6	—1·3	—1·2	—1·1	—0·9
11	—0·2	—0·2	—0.4	—0·4	—0·5	—0·6	—0·8	—0·4	0·3	0·7	0·9	1·0	1·1	0·8	0·3
12	—0·7	—0·8	—0·8	—0·7	—0·5	—1·1	—1·2	—0·9	—0·5	—0·3	—0·8	—0·7	0·0	0·3	—0·4
13	—0·4	—0·7	—0·7	—0·7	—0·9	—1·0	—0·7	—0·3	0·1	0·2	—0·4	—0·8	—0·4	—0·4	—0·7
14†	—0·3	—0·4	—0·4	—0·5	—0·6	—0·6	—0·8	—0·5	—0·8	—1·4	—2·1	—2·8	—2·5	—1·7	—1·0
15†	—0·5	—0·5	—0·5	—0·6	—0·9	—1·1	—1·3	—0·8	—0·3	—0·2	—0·5	—1·3	—1·0	0·0	—0·1
16†	0·0	—0·2	—0·3	—0·5	—0·6	—0·6	—0·5	—0·1	0·4	0·4	—0·1	—0·7	—0·6	—0·2	—0·3
17	—0·4	—0·5	—0·8	—0·9	—1·1	—1·1	—1·4	—1·3	—1·0	—0·9	—0·7	—1·0	—1·1	—0·7	—0·7
18	—0·2	—0·3	—0·4	—0·9	—0·9	—0·9	—1·5	—1·2	—0·6	—0·1	—0·1	—0·9	—1·0	—0·9	—0·6
19	—0·5	—0·7	—1·0	—1·3	—1·2	—1·1	—1·6	—1·7	—0·9	—0·5	—0·6	—0·9	—0·9	—0·5	—0·6
20	0·0	0·0	—0·3	—0·4	—0·7	—0·9	—1·4	—1·1	—0·7	—0·3	—0·3	—1·0	—0·9	—0·7	—0·8
21	—0·5	—0·6	—0·7	—0·9	—1·0	—1·1	—1·1	—0·6	—0·1	—0·2	—0·4	—0·9	—0·5	0·1	0·0
22	0·1	0·1	—0·3	—0·6	—0·9	—1·3	—1·5	—1·0	—0·3	0·3	—0·2	—1·0	—0·7	0·0	—0·3
23	—0·2	—0·3	—0·5	—0·5	—0·7	—0·8	—1·1	—0·7	—0·1	0·5	0·0	—0·5	—0·2	0·1	—0·2
24	—0·1	—0·2	—0·4	—0·6	—0·7	—0·9	—1·1	—0·6	0·0	0·6	0·3	0·1	0·0	0·1	—0·2
25	—0·2	—0·2	—0·3	—0·5	—0·6	—0·7	—0·9	—0·5	0·0	0·4	0·7	0·2	0·1	0·3	0·0
26	—0·4	—0·5	—0·5	—0·7	—0·6	—0·8	—1·0	—0·4	0·3	0·0	—0·4	—0·5	—0·7	—0·7	—0·9
27	—0·5	—0·5	—0·6	—0·6	—0·7	—0·7	—0·7	—0·7	—0·5	—0·7	—1·1	—1·4	—1·1	—0·4	—0·5
28	—0·4	—0·5	—0·7	—0·8	—0·9	—0·9	—1·3	—0·8	—0·6	—1·3	—2·1	—2·7	—1·6	—0·6	—0·8
29	1·3	0·4	0·1	—0·5	—1·4	—2·2	—2·6	—2·8	—2·0	—1·9	—1·6	—0·9	0·3	1·1	2·6
30	0·3	0·2	0·0	0·6	—0·2	—0·7	—0·8	—1·3	—0·8	—0·7	—1·1	—1·7	—1·5	—0·7	—0·2
Mean	—0·1	—0·1	—0·3	—0·4	—0·6	—0·7	—0·8	—0·4	0·0	**0·1**	—0·4	**—0·9**	—0·7	—0·3	—0·3
Mean†	—0·2	—0·3	—0·3	—0·4	—0·6	—0·7	—0·6	0·0	**0·3**	0·1	—0·5	**—1·5**	—1·4	—0·7	—0·5

DECEMBER.

1	—0·1	—0·1	—0·2	—0·2	—0·5	—0·7	—1·0	—0·7	0·2	1·0	0·7	—0·1	—0·4	—0·3	—0·2
2	—0·1	—0·2	—0·3	—0·6	—0·8	—0·8	—0·8	—0·6	—0·1	—0·1	—0·4	—0·4	—0·3	—0·3	—0·3
3	—0·5	—0·4	—0·5	—0·5	—0·7	—0·8	—1·1	—0·6	0·3	0·7	0·6	0·6	0·3	—0·2	—0·1
4	—0·5	—0·6	—0·7	—1·3	—1·7	—1·7	—2·1	—2·0	—1·0	—0·8	—1·1	—1·1	—0·9	—0·7	—0·5
5	—0·3	—0·5	—0·6	—0·7	—0·9	—0·9	—1·1	—1·3	—0·9	—1·0	—1·0	—0·9	—1·0	—0·4	—0·5
6†	—0·2	—0·1	—0·2	0·4	—0·7	—0·8	—1·3	—1·4	—1·3	—1·0	—0·6	—0·5	—0·3	0·2	0·2
7	—0·6	—0·6	—0·6	—0·7	—0·8	—1·0	—1·4	—1·8	—1·4	—1·0	—0·6	—0·2	—0·2	—0·1	—0·4
8†	—0·3	—0·2	—0·2	—0·3	—0·6	—0·9	—1·4	—1·5	—1·5	—1·2	—0·9	—0·6	—0·3	0·0	0·0
9†	—0·4	—0·5	—0·7	—0·9	—1·0	—1·2	—1·8	—2·3	—1·3	—0·6	—0·3	—0·2	—0·7	—0·3	—0·4
10	—0·3	—0·4	—0·6	—0·7	—0·8	—0·9	—1·1	—1·3	—0·8	—0·2	—0·7	—1·2	—1·3	—1·2	—1·1
11	—0·5	—0·4	—0·3	—0·3	—0·6	—0·7	—1·1	—1·2	—0·8	—0·7	—0·4	—0·7	—0·5	—0·7	—0·8
12	—0·4	—0·5	—0·7	—1·1	—1·3	—1·4	—1·4	—1·4	—0·7	0·3	0·4	0·1	0·0	0·0	—0·3
13	—0·8	—0·7	—0·7	—1·0	—1·3	—1·4	—1·9	—1·9	—1·1	—0·2	0·5	0·4	0·4	0·3	0·1
14†	—0·6	—0·7	—0·7	—0·7	—1·0	—0·9	—1·1	—0·9	—0·3	0·0	0·6	0·7	0·1	—0·6	—0·5
15	—0·4	—0·5	—0·5	—0·6	—0·6	—0·6	—0·7	—0·8	—0·3	0·1	0·7	1·3	1·7	0·7	—0·3
16	0·1	0·4	0·3	0·2	0·5	0·5	0·0	0·0	0·1	0·8	1·3	1·6	1·2	0·3	—0·7
17	0·7	0·5	0·3	0·4	—0·1	0·0	—0·7	—1·4	—1·3	—1·2	—0·8	—0·7	—0·8	—0·7	—0·3
18	—0·9	—1·0	—1·1	—1·1	—1·3	—1·5	—1·9	—1·5	—0·4	0·3	0·4	0·3	—0·3	—0·1	0·6
19†	—0·5	—0·8	—1·0	—1·4	—1·5	—1·5	—1·9	—1·9	—1·2	—0·6	—0·5	—0·5	—0·2	0·3	0·4
20	—0·4	—0·4	—0·6	—0·8	—1·2	—1·3	—1·7	—1·5	—0·9	—0·3	—0·8	—0·9	—1·0	—0·4	0·1
21	—0·2	—0·6	—0·9	—1·4	—1·0	—1·4	—1·7	—1·4	—0·3	—0·2	—0·5	—0·4	—0·1	0·1	0·3
22	—0·1	—0·3	—0·2	—0·4	—0·6	—0·7	—1·0	—1·0	0·0	0·2	—0·2	—0·3	—0·6	—0·4	—0·2
23	—0·4	—0·6	—0·7	—1·0	—1·1	—1·2	—1·4	—1·3	—0·8	—0·4	0·0	—0·3	—0·9	—1·2	—0·9
24	1·1	0·3	—0·2	—0·3	—0·5	—0·7	—0·8	—1·0	—0·6	—0·3	—0·8	—1·3	—1·0	—0·4	0·6
25	—0·4	—0·4	—0·4	—0·5	—0·7	—1·1	—1·2	—1·2	—0·3	0·6	0·4	—0·4	—1·2	—1·1	—0·8
26	—0·3	—0·4	—0·6	—0·7	—1·0	—1·1	—1·0	—0·9	0·1	1·0	1·5	1·6	0·5	—1·0	—1·8
27	—0·5	—0·6	—0·7	—0·9	—1·1	—1·3	—1·6	—1·4	—0·5	0·4	0·9	1·3	1·5	0·5	—0·3
28	0·2	0·0	—0·8	—1·1	—1·6	—1·5	—1·5	—1·5	—0·2	0·6	0·5	0·3	—0·2	—0·5	—0·6
29	—0·7	—0·7	—0·7	—0·9	—1·4	—1·5	—1·7	—1·6	—0·7	0·1	0·6	0·0	—0·1	0·2	0·0
30	—0·4	—0·3	—0·5	—0·8	—0·8	—1·2	—1·1	—1·6	—1·3	—0·9	—0·6	—0·8	—1·3	—1·8	—2·0
31	—0·9	—1·0	—0·9	—1·1	—1·1	—1·3	—1·3	—1·1	—0·6	—0·1	0·0	0·3	0·2	—0·5	—1·5
Mean	—0·3	—0·4	—0·5	—0·7	—0·9	—1·0	**—1·3**	—1·3	—0·6	—0·1	**0·0**	—0·1	—0·3	—0·3	—0·4
Mean†	—0·4	—0·5	—0·6	—0·7	—1·0	—1·1	—1·5	**—1·6**	—1·1	—0·7	—0·3	—0·2	—0·3	**—0·1**	—0·1

† Five international quiet days.
‡ *Minus* sign in the tables indicates *westerly* declination.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

NOVEMBER. 0° PLUS TABULAR QUANTITIES.

Hours. 15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.*	Maximum. Time.		Maximum. Mag.	Minimum. Time.		Minimum. Mag.	Date.
′	′	′	′	′	′	′	′	′	′	H.	M.	′	H.	M.	′	
0·0	0·3	−0·3	−0·2	−0·1	−0·2	−0·1	0·1	0·3	0·2	9	0	1·1	11	44	−0·5	1
0·0	−0·3	−0·6	−0·5	−0·3	−0·3	−0·4	−0·1	0·2	0·1	8	48	1·2	12	40	−0·7	2
0·9	0·6	0·8	0·8	0·6	0·5	0·4	0·6	0·2	0·4	8	44	1·2	4	0	−0·5	3
0·6	0·7	0·3	0·1	0·3	0·1	0·1	0·3	0·6	0·0	16	44	1·2	11	40	−1·1	4
0·0	0·0	−0·1	0·0	0·1	−0·1	−0·3	0·1	0·1	0·2	8	44	2·1	11	28	−1·5	5
−0·3	−0·1	−0·4	−0·3	0·0	−0·2	−0·3	−0·1	0·1	−0·1	8	38	1·0	11	36	−1·0	6
−0·4	−0·2	−0·5	−0·3	−0·1	−0·4	−0·5	−0·4	−0·1	−0·2	9	0	1·6	12	0	−1·7	7†
−0·2	−0·2	−0·6	−0·5	−0·2	−0·3	−0·3	−0·2	−0·1	−0·3	8	26	1·2	12	0	−1·8	8†
−0·3	0·0	−0·1	−0·1	−0·2	−0·2	−0·3	−0·1	−0·1	−0·2	8	4	0·6	11	32	−1·6	9
−0·6	−0·1	−0·1	−0·2	−0·2	−0·2	−0·4	−0·3	−0·1	−0·4	7	38	0·2	12	0	−1·4	10
−0·2	0·1	−0·2	−0·4	−0·2	−0·3	−0·4	−0·4	−0·5	−0·1	9	20	1·2	7	0	−0·9	11
−0·8	−0·4	−0·1	−0·3	−0·4	−0·3	−0·6	−0·5	−0·4	−0·5	13	0	0·4	5	6	−1·3	12
−0·7	−0·7	−0·7	−0·4	−0·2	−0·2	−0·4	−0·3	−0·3	−0·5	9	0	0·3	11	0	−1·3	13
−0·8	−0·7	−0·7	−0·7	−0·6	−0·5	−0·6	−0·6	−0·5	−0·9	0	4	−0·1	11	36	−3·1	14†
−0·9	−1·3	−1·0	−0·8	−0·4	−0·2	−0·2	−0·1	0·0	−0·6	14	0	0·3	11	44	−1·7	15†
−0·7	−0·8	−0·9	−0·6	−0·4	−0·4	−0·5	−0·5	−0·4	−0·4	9	0	0·5	12	0	−1·0	16†
−0·4	−0·5	−0·8	−0·6	−0·4	−0·3	−0·5	−0·3	−0·2	−0·7	23	56	0·0	12	0	−1·7	17
−0·4	−0·6	−0·9	−0·6	−0·3	−0·3	−0·5	−0·4	−0·3	−0·6	10	0	0·1	7	0	−1·6	18
−0·7	−0·4	−0·6	−0·6	−0·4	−0·4	−0·4	−0·3	−0·1	−0·7	23	20	0·0	7	0	−1·9	19
−0·6	−0·3	−0·4	−0·5	−0·5	−0·5	−0·6	−0·6	−0·5	−0·6	1	20	0·1	6	32	−1·7	20
−0·6	−0·7	−0·5	−0·2	−0·2	−0·2	−0·2	−0·4	0·1	−0·4	9	22	0·3	6	32	−1·5	21
−0·7	−0·7	−0·6	−0·3	−0·3	0·0	−0·1	−0·4	−0·2	−0·5	9	38	0·5	6	32	−1·7	22
−0·9	−0·7	−0·4	−0·2	0·0	0·0	−0·1	−0·2	−0·2	−0·3	9	22	0·7	6	28	−1·5	23
−0·7	−0·6	−0·4	−0·3	−0·2	−0·3	−0·3	−0·1	−0·2	−0·3	9	16	0·7	6	40	−1·4	24
−0·3	−0·5	−0.5	−0·3	−0·3	−0·3	−0·4	−0·4	−0·3	−0·2	10	20	0·8	6	24	−1·3	25
−0·8	−0·1	−0·4	−0·2	−0·3	−0·4	−0·5	−0·6	−0·5	−0·5	8	44	0·4	6	24	−1·6	26
−0·5	−0·3	−0·2	−0·1	−0·1	−0·1	−0·2	−0·4	−0·5	−0·5	18	20	0·1	12	0	−1·9	27
−0·6	−0·4	−0·3	0·5	0·3	0·9	1.0	0·5	1·0	−0·5	23	56	1·8	11	24	−3·1	28
1·8	1·7	1·2	1·5	1·6	1·3	1·0	0·9	0·5	0·0	14	20	2·8	6	56	−3·9	29
−0·1	−0·1	−0·3	−0·1	−0·2	−0·3	−0·2	0·0	−0·1	−0·5	0	4	0·5	12	0	−2·1	30
−0·3	−0·2	−0·3	−0·2	−0·1	−0·1	−0·2	−0·2	−0·1	−0·3							Mean.
−0·6	−0·7	−0·7	−0·6	−0·4	−0·3	−0·4	−0·4	−0·2	−0·5							Mean.†

DECEMBER.

0·1	0·3	0·1	−0·1	−0·1	−0·2	−0·2	−0·2	−0·1	−0·1	9	27	1·1	7	0	−1·3	1
−0·4	−0·3	−0·3	−0·3	−0·3	−0·4	−0·7	−0·5	−0·5	−0·4	9	0	0·0	5	0	−1·1	2
0·3	0·1	0·2	0·0	0·0	−0·2	−0·4	−0·3	−0·4	−0·4	9	56	0·8	6	40	−1·4	3
−0·6	−0·7	−0·6	−0·6	−0·4	−0·6	−0·6	−0·6	−0·5	−0·9	19	40	−0·3	7	0	−2·8	4
−1·1	−0·9	−0·9	−0·6	−0·5	−0·5	−0·6	−0·6	−0·4	−0·8	0	20	−0·2	7	20	−1·5	5
−0·2	−0·6	−0·7	−0·7	−0·5	−0·5	−0·6	−0·6	−0·5	−0·6	14	40	0·3	7	0	−1·8	6†
−0·5	−0·3	−0·6	−0·7	−0·6	−0·5	−0·6	−0·4	−0·3	−0·7	12	30	0·0	7	16	−2·2	7
−0·8	−1·2	−1·0	−0·9	−0·7	−0·6	−0·6	−0·6	−0·5	−0·7	14	0	0·2	6	56	−2·1	8†
−0·6	−0·6	−0·6	−0·5	−0·3	−0·4	−0·5	−0·5	−0·4	−0·7	11	16	−0·1	7	16	−2·5	9†
−1·0	−0·5	−0·4	−0·6	−0·4	−0·5	−0·5	−0·7	−0·6	−0·7	17	44	−0·1	7	2	−1·5	10
−1·2	−1·0	−1·1	−1·3	−0·8	−0·8	−0·6	−0·5	−0·5	−0·7	3	4	−0·2	7	8	−2·5	11
−0·3	−0·3	−0·5	−0·7	−0·5	−0·6	−0·9	−0·9	−0·7	−0·6	10	4	0·5	7	4	−1·8	12
−0·1	−0·2	−0·3	−0·3	−0·3	−0·3	−0·4	−0·5	−0·6	−0·5	10	44	0·6	7	14	−2·5	13
−0·1	0·1	−0·5	−0·5	−0·3	−0·4	−0·5	−0·5	−0·3	−0·4	11	4	0·9	6	48	−1·7	14†
−0·6	−0·3	−0·3	−0·5	−0·5	−0·2	0·2	0·2	0·3	−0·1	12	20	1·2	7	20	−1·5	15
−0·7	−0·3	−0·4	−0·4	−0·3	0·1	0·1	0·3	0·6	0·2	11	4	1·7	14	56	−1·4	16
0·1	0·0	−0·3	−0·4	−0·2	−0·3	−0·4	−0·5	−0·7	−0·4	0	4	0·8	7	56	−1·8	17
0·4	−0·1	−0·2	−0·3	−0·3	−0·4	0·0	−0·1	−0·3	−0·4	14	40	0·7	6	52	−2·6	18
−0·3	−0·5	−0·6	−0·7	−0·5	−0·5	−0·4	−0·4	−0·4	−0·7	14	0	0·5	7	0	−2·4	19†
0·5	0·2	−0·4	−0·6	−0·3	−0·2	−0·2	−0·4	−0·4	−0·6	15	58	0·6	6	58	−2·3	20
0·4	0·2	−0·3	−0·3	−0·3	−0·1	0·0	−0·1	−0·1	−0·4	15	24	0·6	3	40	−2·2	21
0·3	0·0	−0·5	−0·4	−0·3	−0·5	−0·5	−0·5	−0·4	−0·4	15	8	0·5	7	2	−1·6	22
−0·5	0·4	0·7	1·3	0·2	0·6	0·8	0·2	0·6	−0·3	18	20	1·5	7	10	−2·1	23
1·4	1·3	1·0	0·3	0·7	0·6	0·1	−0·1	−0·2	−0·1	15	44	1·7	11	56	−1·7	24
−0·3	0·2	0·4	0·1	0·1	0·0	−0·1	−0·2	−0·3	−0·4	9	28	0·7	12	54	−1·9	25
−1·5	−1·0	−0·7	−0·5	−0·3	−0·3	−0·5	−0·5	−0·6	−0·4	10	56	1·7	44	40	−2·4	26
−0·7	−0·6	−0·5	−0·2	0·1	0·4	0·0	−0·2	0·1	−0·2	12	40	1·6	7	2	−2·0	27
−0·9	−0·9	−0·8	−0·5	−0·4	−0·4	−0·3	−0·4	−0·5	−0·6	10	0	0·7	6	58	−2·3	28
−1·1	−1·2	−0·9	−0·1	−0·1	−0·1	−0·1	−0·5	−0·4	−0·5	10	16	1·1	7	0	−2·0	29
−1·9	−1·4	−0.8	−0·7	−0·6	−0·4	−0·5	−0·7	−0·7	−1·0	1	8	0·0	15	12	−2·4	30
−1·6	−1·1	−1·2	−1·0	−0·7	−0·6	−0·6	−0·8	−0·7	−0·8	12	2	0·5	14	40	−2·1	31
−0·4	−0·4	−0·4	−0·4	−0·3	−0·3	−0·3	−0·4	−0·3	−0·5							Mean.
−0·4	−0·6	−0·7	−0·7	−0·5	−0·5	−0·5	−0·5	−0·4	−0·6							Mean.†

* See footnote on page 89.
† Five international quiet days.
‡ *Minus* sign in the tables indicates *Westerly* declination.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JANUARY. 36000γ PLUS TABULAR QUANTITIES.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1050	1050	1050	1059	1060	1064	1067	1082	1093	1100	1109	1099	1090	1073	1065
2	1060	1064	1063	1063	1064	1065	1071	1074	1077	1089	1105	1108	1106	1087	1072
3	1049	1047	1059	1059	1060	1063	1065	1073	1088	1093	1103	1111	1098	1097	1084
4	1070	1071	1071	1085	1090	1086	1085	1090	1099	1103	1094	1099	1099	1088	1049
5†	1068	1073	1074	1071	1072	1076	1080	1087	1093	1093	1095	1095	1100	1096	1087
6	1070	1069	1069	1074	1073	1073	1073	1076	1082	1090	1100	1101	1101	1091	1082
7	1070	1069	1069	1073	1073	1074	1081	1089	1097	1104	1112	1105	1092	1088	1087
8	1065	1075	1068	1068	1078	1078	1078	1072	1069	1079	1077	1079	1083	1076	1077
9	1079	1074	1071	1070	1073	1077	1078	1078	1078	1088	1099	1104	1101	1090	1075
10	1074	1075	1075	1076	1077	1079	1084	1087	1090	1097	1102	1098	1095	1094	1093
11	1083	1087	1083	1084	1080	1080	1084	1091	1100	1112	1118	1119	1119	1103	1095
12	1092	1091	1089	1083	1090	1085	1082	1090	1098	1107	1134	1135	1127	1119	1106
13	1093	1091	1089	1084	1086	1075	1068	1071	1076	1081	1083	1085	1076	1060	1042
14	1019	1028	1019	1013	1025	1036	1048	1061	1079	1076	1076	1080	1052	1039	1046
15	1046	1049	1051	1058	1064	1066	1068	1078	1091	1094	1102	1099	1086	1075	1067
16	1060	1049	1046	1065	1070	1060	1061	1074	1077	1086	1099	1099	1082	1063	1050
17	1050	1045	1056	1063	1053	1053	1057	1061	1071	1081	1095	1095	1089	1078	1069
18	1072	1074	1070	1072	1071	1073	1077	1083	1098	1111	1118	1117	1107	1082	1042
19	1038	1053	1063	1061	1052	1068	1065	1066	1071	1081	1093	1100	1093	1088	1074
20†	1065	1066	1061	1061	1059	1060	1063	1069	1079	1085	1094	1106	1107	1097	1091
21†	1073	1078	1073	1070	1068	1073	1075	1081	1090	1100	1106	1113	1119	1111	1090
22	1069	1068	1068	1070	1073	1074	1079	1086	1094	1100	1107	1112	1108	1098	1089
23	1053	1019	1021	978	1015	1005	1025	1021	1031	1038	1051	1053	1061	1058	1047
24	1063	1046	1056	1054	1049	1047	1052	1051	1053	1065	1077	1087	1079	1071	1067
25†	1063	1059	1054	1054	1054	1057	1059	1073	1089	1106	1121	1128	1125	1120	1105
26	1076	1072	1063	1061	1062	1062	1069	1072	1078	1073	1077	1081	1071	1061	1063
27	892	938	931	937	950	925	934	917	924	943	960	980	991	987	965
28	993	1009	1010	1005	1010	1007	1010	1010	1013	1024	1040	1044	1042	1031	1018
29	1024	1027	1037	1028	1030	1031	1034	1039	1045	1059	1063	1072	1068	1052	1050
30†	1038	1038	1040	1041	1040	1042	1044	1047	1054	1061	1074	1074	1069	1058	1053
31	1052	1052	1051	1051	1054	1051	1056	1056	1060	1063	1070	1073	1073	1070	1062
Mean	1054	1055	1055	1055	1057	1057	1060	1065	1072	1080	1089	1092	1087	1077	1067
Mean†	1061	1063	1061	1059	1059	1061	1064	1071	1081	1089	1098	1103	1104	1097	1085

FEBRUARY.

1	1051	1053	1053	1053	1054	1056	1059	1061	1067	1078	1087	1090	1088	1078	1057
2	1049	1051	1052	1056	1055	1060	1063	1076	1082	1096	1097	1101	1098	1086	1077
3	1054	1063	1086	1063	1058	1053	1054	1053	1055	1062	1069	1074	1083	1089	1089
4	1043	1058	1064	1057	1049	1055	1057	1060	1070	1089	1087	1088	1087	1085	1075
5	1056	1055	1059	1058	1059	1055	1058	1061	1066	1078	1084	1095	1094	1090	1082
6†	1063	1063	1067	1066	1067	1068	1071	1078	1090	1103	1114	1126	1126	1113	1105
7†	1069	1068	1069	1066	1073	1070	1075	1077	1080	1083	1088	1097	1093	1087	1087
8†	1073	1075	1072	1072	1075	1074	1077	1091	1107	1119	1129	1131	1122	1108	1096
9†	1076	1076	1077	1076	1078	1078	1080	1085	1093	1102	1110	1111	1107	1103	1100
10	1072	1074	1074	1083	1082	1081	1083	1081	1092	1100	1122	1135	1105	1072	1052
11	1077	1061	1062	1055	1051	1051	1053	1057	1067	1087	1097	1099	1104	1101	1086
12	997	1015	1059	1050	1048	1048	1051	1053	1056	1074	1081	1087	1091	1087	1077
13	1054	1067	1061	1063	1063	1061	1066	1076	1086	1100	1096	1095	1084	1074	1067
14	1054	1064	1061	1052	1057	1050	1062	1071	1081	1088	1093	1086	1085	1078	1076
15	1057	1061	1067	1054	1054	1055	1056	1064	1079	1098	1107	1118	1107	1093	1071
16	1077	1056	1046	1066	1049	1054	1055	1067	1088	1106	1121	1119	1106	1069	1066
17	1068	1065	1062	1065	1067	1065	1071	1080	1090	1101	1112	1118	1113	1109	1102
18	1050	1072	1073	1092	1084	1059	1109	1104	1106	1089	1069	1072	1074	1071	1067
19	1051	1053	1052	1052	1056	1063	1062	1060	1064	1076	1085	1089	1093	1087	1082
20	1083	1072	1068	1067	1064	1066	1067	1069	1075	1084	1102	1104	1096	1092	1081
21	1064	1067	1066	1066	1066	1064	1066	1071	1078	1083	1092	1101	1099	1093	1086
22	1052	1059	1075	1066	1066	1065	1068	1073	1084	1101	1101	1097	1089	1072	1041
23	1043	1061	1053	1049	1046	1052	1051	1062	1076	1083	1096	1103	1098	1088	1080
24	999	989	977	985	999	1009	1001	1014	1031	1051	1041	1047	1044	1049	998
25	894	913	953	959	952	953	960	977	993	1003	1011	1017	1010	1008	1005
26	1022	1025	1027	1029	1030	1030	1030	1033	1047	1055	1049	1049	1061	1057	1048
27†	1037	1038	1048	1042	1044	1045	1048	1053	1065	1080	1096	1103	1095	1083	1071
28	1053	1052	1052	1048	1051	1054	1057	1064	1081	1094	1108	1119	1121	1101	1086
Mean	1048	1051	1055	1054	1053	1054	1057	1063	1073	1083	1091	1095	1092	1083	1072
Mean†	1063	1064	1066	1065	1067	1067	1070	1077	1087	1097	1107	1113	1109	1099	1092

†Five international quiet days.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JANUARY. 36000γ PLUS TABULAR QUANTITIES.

Hours. 15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.*	Maximum. Time.	Maximum. Mag.	Minimum. Time.	Minimum. Mag.	Date.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
1060	1045	1048	1056	1061	1047	1051	1057	1060	1067	10 16	1112	16 28	1042	1
1058	1053	1052	1045	1043	1052	1039	1060	1060	1068	11 0	1109	19 8	1032	2
1070	1075	1073	1071	1070	1057	1062	1067	1068	1074	11 4	1118	0 56	1046	3
1047	1055	1060	1062	1062	1061	1063	1066	1067	1076	9 54	1109	14 50	1031	4
1080	1073	1069	1072	1063	1058	1063	1066	1069	1078	12 18	1101	20 42	1057	5†
1069	1060	1068	1060	1065	1064	1071	1073	1072	1076	12 4	1103	16 14	1055	6
1089	1081	1061	1059	1062	1064	1072	1050	1054	1079	10 28	1114	22 14	1048	7
1082	1080	1073	1071	1070	1069	1064	1064	1071	1074	12 30	1084	21 24	1061	8
1068	1063	1067	1067	1063	1067	1069	1074	1077	1077	11 14	1105	17 8	1058	9
1085	1079	1074	1077	1077	1077	1074	1074	1079	1083	10 26	1103	17 14	1073	10
1103	1082	1078	1081	1081	1083	1082	1083	1087	1092	12 6	1124	17 16	1072	11
1099	1097	1101	1099	1098	1095	1094	1092	1092	**1100**	11 14	1146	6 26	1080	12
1029	1021	1031	1048	1047	1043	1048	1049	1034	1062	3 2	1094	16 28	1019	13
1052	1047	1035	1045	1026	1017	1028	1040	1042	1043	8 40	1087	19 50	1005	14
1056	1053	1050	1047	1035	1030	1037	1039	1055	1063	10 48	1111	20 00	1024	15
1045	1044	1042	1042	1048	1049	1046	1040	1047	1060	11 6	1105	18 40	1038	16
1078	1076	1078	1080	1077	1074	1069	1072	1073	1071	10 48	1098	2 8	1041	17
1029	1030	1041	1056	1041	1043	1046	1058	1040	1068	10 28	1119	15 6	1017	18
1065	1051	1043	1043	1050	1037	1045	1045	1047	1063	11 26	1105	20 40	1034	19
1083	1073	1069	1075	1075	1072	1070	1070	1070	1076	12 6	1108	5 26	1058	20†
1092	1087	1089	1086	1084	1079	1075	1073	1068	1086	12 28	1120	4 16	1067	21†
1082	1076	1073	1072	1068	1084	1087	1084	1063	1082	11 10	1113	23 52	1055	22
1017	1042	1056	1031	1025	1036	1039	1047	1055	1036	17 46	1078	3 40	960	23
1064	1067	1056	1059	1066	1059	1058	1066	1064	1062	11 4	1090	5 4	1045	24
1101	1090	1081	1078	1074	1069	1068	1073	1075	1083	11 18	1131	5 0	1053	25†
1067	1067	1065	1063	1055	1083	**1162**	1086	960	1073	21 40	**1227**	23 56	**869**	26
975	979	989	988	992	997	982	992	991	**963**	19 56	1006	0 8	877	27
1011	1017	1013	1020	1016	1016	1027	1031	1027	1019	10 48	1046	0 8	989	28
1049	1050	1036	1037	1034	1027	1027	1033	1033	1041	11 20	1073	20 56	1023	29
1051	1049	1050	1041	1046	1043	1043	1045	1050	1050	10 32	1076	20 58	1037	30†
1043	1043	1054	1046	1035	1035	1049	1052	1054	1054	12 0	1076	20 0	1028	31
1062	1058	1057	1054	1055	1055	1058	1059	1055	1064					Mean
1081	1074	1072	1072	1069	1065	1064	1065	1066	1075					Mean†

FEBRUARY.

1039	1043	1052	1046	1033	1044	1051	1058	1045	1058	10 30	1091	19 8	1028	1
1072	1066	1053	1054	1054	1057	1057	1055	1054	1067	11 18	1103	22 56	1045	2
1055	1052	1047	1055	1043	1040	1045	1063	1064	1061	2 26	1101	20 8	1037	3
1069	1060	1041	1049	1052	1041	1049	1054	1059	1063	9 40	1094	17 40	1033	4
1074	1068	1075	1057	1059	1057	1058	1063	1063	1068	11 32	1096	5 30	1053	5
1094	1080	1071	1070	1069	1069	1065	1063	1067	1082	11 56	1128	22 16	1061	6†
1086	1082	1079	1078	1077	1076	1073	1072	1073	1078	12 2	1098	2 26	1065	7†
1094	1092	1085	1084	1081	1076	1071	1072	1071	**1090**	11 16	1132	23 28	1069	8†
1098	1094	1091	1091	1089	1085	1080	1075	1074	1089	11 20	1112	23 58	1071	9†
1050	1063	1071	1073	1072	1072	1073	1073	1077	1081	11 10	**1152**	15 36	1045	10
1079	1091	1090	1083	1084	1039	1016	1014	999	1065	12 24	1107	23 54	996	11
1071	1063	1058	1057	1069	1062	1055	1046	1049	1059	12 28	1092	0 36	993	12
1066	1066	1048	1042	1042	1047	1049	1062	1059	1067	9 12	1105	18 8	1029	13
1064	1050	1054	1055	1038	1041	1055	1070	1052	1064	10 32	1094	20 4	1031	14
1062	1052	1054	1064	1048	1054	1054	1062	1058	1069	11 56	1121	19 24	1047	15
1083	1072	1066	1071	1072	1069	1066	1062	1064	1074	10 52	1122	2 40	1037	16
1088	1076	1063	1071	1069	1088	1091	1042	1043	1080	11 0	1119	22 52	1022	17
1062	1056	1053	1054	1055	1040	1049	1050	1051	1069	7 40	1137	5 24	1013	18
1081	1077	1063	1065	1064	1063	1064	1069	1073	1069	12 4	1094	4 12	1018	19
1070	1064	1056	1043	1033	1044	1056	1058	1058	1069	11 0	1105	19 32	1031	20
1084	1083	1083	1082	1081	1079	1073	1055	1037	1076	11 32	1102	23 8	1028	21
1041	1050	1063	1066	1064	1062	1055	1035	1030	1065	10 40	1109	23 8	1025	22
1067	1065	1068	1073	1075	1065	1089	1098	1000	1069	22 16	1132	23 26	990	23
963	932	894	837	850	836	859	**829**	867	**960**	13 32	1073	20 36	**806**	24
998	996	1009	1012	1017	1019	1019	1021	1021	971	22 44	1023	0 40	885	25
1033	1018	1004	1005	1016	1022	1020	1019	1036	1032	12 20	1064	18 16	995	26
1059	1044	1039	1047	1051	1050	1048	1049	1048	1058	11 16	1104	16 52	1037	27†
1079	1071	1064	1050	1036	1045	1055	1058	1058	1069	12 8	1123	19 30	1035	28
1063	1058	1053	1051	1049	1048	1049	1048	**1045**	1061					Mean
1086	1078	1073	1074	1073	1071	1067	1066	1067	1079					Mean†

*The daily mean value of horizontal force, derived from 24 hourly values, has been corrected for progressive change by 1/48 of the difference between the values of the initial and terminal hours.

†Five international quiet days.

133511

Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MARCH. 36000γ PLUS TABULAR QUANTITIES

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1057	1060	1061	1062	1066	1066	1066	1072	1089	1099	1105	1108	1101	1092	1088
2	1070	1079	1062	1062	1066	1065	1061	1070	1083	1094	1090	1081	1087	1075	1064
3	1062	1059	1065	1079	1071	1063	1059	1065	1081	1097	1107	1103	1098	1091	1082
4	1039	1050	1046	1050	1051	1055	1057	1067	1079	1095	1108	1113	1112	1105	1092
5	1055	1060	1059	1060	1059	1064	1070	1077	1088	1105	1113	1117	1115	1103	1091
6	900	949	978	990	986	991	979	995	1011	1021	1033	1037	1042	1036	1026
7	1027	1023	1028	1033	1034	1030	1032	1037	1052	1068	1081	1086	1083	1077	1068
8†	1020	1036	1039	1037	1034	1038	1042	1055	1074	1091	1102	1101	1099	1088	1075
9	1059	1061	1064	1073	1074	1070	1076	1092	1112	1125	**1148**	1135	1142	1134	1122
10	949	1027	1002	1010	1018	1007	1008	1019	1017	1026	1040	1030	1021	1023	1021
11	1035	1043	1036	1042	1039	1048	1054	1051	1070	1085	1083	1075	1077	1073	1064
12	1040	1041	1027	1044	1045	1041	1047	1057	1075	1092	1094	1094	1089	1065	1053
13	1050	1057	1047	1047	1049	1047	1053	1065	1084	1100	1110	1112	1103	1085	1071
14	1053	1049	1047	1049	1052	1055	1062	1069	1082	1101	1115	1121	1114	1101	1089
15†	1058	1061	1060	1066	1065	1064	1064	1077	1094	1109	1123	1131	1126	1117	1101
16	1067	1067	1061	1063	1072	1069	1068	1078	1090	1105	1120	1119	1107	1094	1081
17	1053	1067	1068	1066	1064	1061	1060	1071	1090	1101	1109	1107	1104	1098	1088
18	1068	1071	1076	1080	1084	1069	1073	1073	1074	1085	1102	1114	1109	1084	1057
19	993	1001	1023	1039	1033	1035	1043	1054	1067	1078	1092	1097	1095	1088	1080
20	1044	1043	1061	1063	1054	1052	1054	1059	1079	1076	1064	1063	1057	1056	1054
21	1073	1059	1042	1042	1053	1046	1053	1056	1072	1079	1093	1101	1083	1072	1054
22	1053	1057	1060	1059	1058	1062	1057	1056	1072	1079	1092	1096	1093	1091	1080
23	1064	1064	1056	1067	1069	1066	1073	1085	1096	1110	1124	1125	1118	1111	1097
24	1071	1069	1068	1072	1076	1077	1086	1097	1110	1123	1129	1130	1119	1108	1097
25†	1061	1062	1063	1065	1065	1064	1068	1077	1091	1105	1111	1112	1110	1101	1088
26†	1076	1076	1075	1076	1078	1079	1081	1088	1099	1112	1124	1114	1107	1103	1096
27	1076	1079	1079	1081	1084	1085	1085	1094	1104	1116	1131	1143	1138	1126	1107
28	1078	1079	1078	1080	1082	1082	1084	1087	1091	1107	1119	1124	1114	1107	1100
29	1065	1062	1066	1077	1081	1081	1083	1089	1094	1108	1108	1104	1093	1096	1086
30	1071	1069	1077	1079	1072	1075	1073	1082	1100	1116	1130	1127	1119	1116	1093
31†	1076	1072	1068	1069	1073	1073	1078	1089	1100	1123	1133	1125	1120	1109	1101
Mean .	1047	1053	1053	1057	1058	1057	1060	1068	1081	1095	1104	**1105**	1100	1091	1080
Mean† .	**1058**	1062	1061	1063	1063	1063	1067	1077	1091	1108	**1119**	1117	1112	1104	1092

APRIL.

1	1072	1073	1072	1073	1074	1074	1077	1083	1097	1114	1130	1130	1128	1123	1109
2†	1074	1071	1073	1077	1076	1079	1083	1091	1103	1121	1128	1129	1127	1118	1111
3	1077	1077	1079	1082	1083	1082	1085	1099	1116	1134	1143	1142	1136	1127	1118
4	1073	1074	1075	1074	1077	1078	1080	1087	1101	1117	1125	1027	1124	1117	1103
5	1079	1084	1078	1079	1080	1082	1086	1097	1116	1135	1151	**1152**	1147	1136	1121
6	1089	1094	1097	1098	1100	1098	1096	1098	1124	1136	1141	1116	1099	1093	1080
7	1058	1079	1075	1068	1067	1068	1071	1073	1077	1079	1092	1101	1101	1093	1077
8	1053	1054	1061	1068	1070	1069	1072	1084	1098	1106	1114	1110	1105	1089	1069
9	1065	1074	1084	1077	1068	1064	1067	1073	1087	1095	1108	1097	1083	1062	1058
10	1069	1063	1062	1070	1078	1079	1077	1076	1071	1107	1112	1111	1108	1098	1092
11	1069	1063	1067	1069	1071	1072	1075	1086	1103	1121	1121	1125	1117	1110	1099
12	1072	1075	1070	1067	1067	1072	1080	1079	1083	1104	1107	1108	1111	1098	1092
13	1073	1086	1074	1068	1071	1076	1079	1077	1086	1099	1115	1134	1131	1111	1100
14	1076	1073	1074	1071	1074	1078	1081	1085	1096	1105	1121	1132	1049	1108	1093
15	988	1003	972	977	992	1019	973	977	944	952	928	905	870	850	821
16	949	964	978	976	978	983	955	1009	1032	1053	1067	1056	1027	1007	997
17	1017	1022	1018	1013	1014	1018	1012	1015	1035	1039	1048	1053	1066	1057	1047
18	1024	1028	1027	1025	1030	1030	1031	1037	1052	1073	1090	1092	1090	1082	1069
19	1044	1054	1054	1047	1047	1048	1047	1053	1059	1070	1079	1083	1080	1079	1077
20†	1049	1052	1053	1054	1052	1055	1060	1066	1084	1102	1113	1119	1112	1101	1092
21	1057	1057	1062	1062	1066	1069	1070	1081	1091	1108	1113	1117	1113	1105	1096
22	1062	1054	1057	1053	1052	1055	1061	1075	1084	1094	1104	1106	1091	1074	1069
23	1041	1039	1042	1048	1046	1056	1053	1059	1075	1089	1099	1096	1095	1088	1079
24	1053	1052	1052	1056	1058	1059	1057	1061	1065	1073	1082	1090	1083	1079	1080
25	1062	1064	1063	1069	1067	1059	1060	1063	1065	1075	1088	1075	1066	1069	1070
26	1063	1063	1063	1063	1063	1064	1065	1064	1077	1087	1092	1098	1101	1077	1062
27	1066	1065	1059	1068	1072	1068	1073	1074	1083	1092	1097	1101	1100	1095	1087
28†	1061	1065	1062	1066	1066	1072	1071	1071	1078	1092	1102	1110	1112	1109	1105
29†	1069	1066	1067	1071	1072	1072	1072	1079	1094	1104	1110	1113	1110	1103	1095
30†	1068	1070	1071	1073	1073	1070	1064	1063	1073	1091	1108	1116	1116	1110	1098
Mean .	1056	1059	1058	1059	1060	1062	1062	1068	1079	1092	**1101**	1101	1096	1085	1076
Mean† .	**1064**	1065	1065	1068	1066	1070	1070	1074	1087	1102	1112	**1117**	1115	1108	1100

†Five international quiet days.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MARCH. 36000γ PLUS TABULAR QUANTITIES

Hours. 15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.*	Maximum. Time.	Maximum. Mag.	Minimum. Time.	Minimum. Mag.	Date.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
1080	1074	1069	1065	1060	1049	1047	1062	1064	1074	11 40	1109	21 16	1041	1
1025	1036	1039	1043	1055	1053	1044	1048	1056	1063	9 56	1103	15 52	1014	2
1067	1033	1049	1061	1059	1057	1055	1060	1048	1069	10 48	1108	16 40	1021	3
1075	1072	1070	1062	1062	1065	1059	1058	1052	1071	12 28	1114	0 40	1033	4
1119	1073	1011	987	990	955	922	877	**862**	1040	15 10	1131	23 32	**853**	5
1015	1007	1010	1011	1006	1002	1001	1009	1019	**1005**	12 0	1051	10 48	856	6
1054	1039	1032	1044	1045	1044	1041	1041	1027	1047	11 44	1087	0 4	1013	7
1071	1069	1066	1068	1065	1065	1063	1063	1060	1064	10 32	1104	0 20	1018	8†
1121	1107	1053	1060	1068	1098	1069	1033	982	1084	10 56	**1153**	23 58	950	9
1012	1003	996	1020	1030	1026	1019	1037	1029	1018	0 8	1042	0 16	931	10
1058	1043	1034	1015	1023	1030	1025	1031	1030	1049	9 44	1091	18 32	1011	11
1055	1053	1051	1053	1050	1048	1040	1038	1046	1056	9 40	1096	2 40	1025	12
1062	1058	1063	1058	1051	1047	1044	1053	1051	1065	11 0	1114	21 20	1042	13
1079	1069	1065	1067	1065	1063	1062	1060	1058	1073	11 24	1122	2 4	1044	14
1086	1081	1080	1077	1075	1072	1065	1061	1069	1083	11 40	1132	2 20	1057	15†
1065	1056	1067	1071	1069	1063	1065	1055	1054	1076	10 48	1122	22 40	1049	16
1070	1060	1071	1078	1072	1068	1068	1069	1066	1077	10 28	1111	0 20	1051	17
1035	1015	1007	989	969	955	978	997	994	1047	12 8	1116	21 8	942	18
1076	1069	1069	1070	1067	1060	1046	1054	1057	1059	11 16	1098	0 24	988	19
1045	1052	1057	1049	1030	1037	1039	1038	1041	1053	8 32	1086	19 24	1026	20
1054	1056	1055	1056	1051	1051	1041	1044	1063	1060	11 32	1107	22 20	1035	21
1066	1065	1062	1062	1072	1073	1064	1061	1068	1069	11 12	1101	7 8	1051	22
1086	1082	1078	1075	1072	1067	1069	1068	1070	1083	10 56	1127	2 36	1052	23
1087	1066	1045	1041	1042	1051	1054	1045	1054	1080	10 36	1133	19 12	1036	24
1082	1076	1077	1077	1070	1071	1073	1074	1075	1080	12 8	1113	5 20	1061	25†
1091	1082	1081	1078	1076	1072	1074	1069	1076	1087	10 28	1130	22 32	1064	26†
1098	1081	1072	1073	1077	1075	1077	1080	1080	**1093**	11 32	1146	17 4	1064	27
1082	1069	1071	1073	1073	1056	1060	1047	1057	1083	11 30	1129	22 52	1041	28
1077	1068	1063	1057	1060	1069	1069	1065	1081	1079	9 56	1111	19 4	1048	29
1087	1077	1073	1057	1074	1064	1051	1047	1069	1083	10 32	1131	22 48	1044	30
1089	1083	1078	1072	1073	1071	1073	1073	1070	1087	10 44	1134	18 48	1066	31†
1070	1061	1055	1054	1053	1051	1047	**1046**	1046	1066					Mean
1084	1078	1077	1074	1072	1070	1070	1068	1070	1080					Mean†

APRIL.

1094	1085	1081	1075	1075	1072	1069	1061	1075	1088	10 20	1132	22 48	1057	1
1095	1086	1083	1083	1078	1063	1063	1072	1074	1090	11 32	1131	20 46	1059	2†
1104	1089	1082	1067	1073	1074	1074	1075	1075	1095	10 20	1147	18 40	1064	3
1091	1085	1080	1080	1076	1074	1069	1073	1075	1089	11 18	1130	21 44	1067	4
1111	1102	1091	1092	1088	1089	1087	1087	1088	**1103**	11 4	**1155**	0 28	1073	5
1076	1065	1041	1044	1044	1044	1053	1058	1059	1084	9 56	1151	18 4	1029	6
1076	1072	1056	1049	1056	1063	1059	1057	1055	1072	12 26	1105	17 56	1032	7
1077	1062	1049	1042	1044	1053	1060	1060	1061	1073	10 16	1118	19 12	1034	8
1067	1054	1051	1040	1045	1063	1058	1057	1072	1070	10 50	1111	19 2	1039	9
1083	1071	1068	1059	1056	1068	1059	1059	1063	1077	9 58	1117	19 20	1053	10
1093	1084	1078	1076	1068	1062	1060	1064	1066	1084	10 0	1127	20 52	1059	11
1091	1086	1075	1073	1074	1073	1073	1072	1079	1083	12 10	1113	3 24	1065	12
1090	1076	1067	1070	1077	1076	1077	1072	1077	1086	12 0	1135	17 0	1064	13
1085	1071	1060	1062	1059	1011	972	950	985	1067	12 0	1137	22 18	931	14
796	**761**	792	834	863	876	910	942	949	**911**	5 12	1047	16 20	**755**	15
981	991	991	997	999	1005	1010	1007	1016	1004	10 40	1073	0 14	945	16
1030	1024	1027	1023	1026	1033	1027	1030	1023	1030	12 36	1068	7 0	1011	17
1061	1057	1052	1049	1047	1044	1043	1044	1043	1051	11 0	1096	0 4	1022	18
1071	1066	1059	1053	1057	1053	1050	1052	1060	1060	11 44	1086	0 34	1043	19
1085	1078	1068	1058	1058	1057	1057	1058	1057	1073	11 20	1123	0 10	1048	20†
1086	1074	1072	1065	1044	1061	1066	1067	1063	1078	11 0	1118	19 40	1038	21
1049	1043	1051	1039	1015	1015	1022	1036	1042	1058	11 10	1111	20 32	1011	22
1058	1052	1063	1057	1054	1051	1052	1053	1053	1063	10 16	1104	1 44	1036	23
1081	1071	1056	1059	1045	1052	1051	1051	1057	1064	11 24	1092	19 24	1040	24
1066	1075	1070	1063	1059	1064	1063	1061	1062	1067	10 34	1091	20 4	1054	25
1075	1068	1058	1049	1048	1058	1062	1072	1066	1069	12 32	1104	19 6	1042	26
1075	1067	1065	1066	1066	1065	1067	1066	1061	1075	11 48	1104	23 56	1058	27
1096	1083	1071	1068	1068	1070	1071	1071	1070	1080	12 16	1115	1 8	1059	28†
1088	1082	1077	1074	1071	1071	1071	1070	1069	1082	11 24	1115	1 42	1065	29†
1091	1083	1075	1071	1071	1073	1073	1074	1075	1081	12 8	1119	7 24	1062	30†
1067	1059	1054	1051	**1050**	1051	**1051**	1052	1056	1067					Mean
1091	1083	1075	1071	1069	1067	1067	1069	1069	1081					Mean†

*See footnote on page 101.
†Five international quiet days.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MAY. 36000γ PLUS TABULAR QUANTITIES.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1†	1076	1076	1076	1077	1076	1078	1081	1085	1098	1117	1125	1123	1120	1108	1101
2†	1077	1078	1077	1077	1077	1079	1083	1093	1111	1127	1133	1130	1126	1119	1111
3	1083	1083	1083	1085	1085	1088	1086	1087	1102	1115	1127	1135	1134	1125	1117
4	1078	1077	1100	1103	1095	1083	1095	1073	1079	1075	1080	1089	1100	1095	1077
5	1025	1023	1026	1054	1055	1047	1043	1038	1053	1067	1068	1067	1063	1067	1066
6	1031	1039	1042	1041	1042	1043	1047	1060	1066	1076	1078	1083	1076	1081	1074
7	1057	1043	1049	1061	1050	1046	1052	1060	1077	1088	1101	1103	1097	1085	1072
8	1052	1055	1063	1057	1056	1056	1054	1064	1088	1107	1124	1124	1119	1107	1099
9	1053	1054	1063	1060	1059	1058	1065	1075	1086	1103	1112	1121	1117	1102	1086
10	1043	1031	1039	1047	1056	1057	1062	1065	1068	1061	1053	1038	1024	1034	1026
11	1027	1047	1047	1040	1039	1043	1044	1052	1072	1083	1100	1112	1109	1092	1067
12	1060	1056	1051	1059	1061	1060	1051	1052	1065	1081	1087	1086	1083	1089	1079
13	1049	1060	1056	1054	1054	1053	1056	1065	1074	1086	1103	1089	1078	1099	1086
14	1053	1057	1060	1058	1059	1059	1066	1077	1089	1103	1115	1109	1104	1102	1089
15†	1069	1062	1060	1061	1062	1066	1074	1081	1090	1100	1110	1116	1118	1118	1108
16	1068	1067	1072	1071	1070	1070	1074	1082	1090	1102	1117	1121	1119	1114	1101
17	1072	1072	1074	1070	1073	1073	1079	1086	1092	1093	1101	1105	1104	1107	1098
18	1085	1083	1094	1091	1085	1088	1090	1075	1083	1100	1113	1120	1115	1103	1092
19	1080	1080	1081	1080	1080	1083	1090	1102	1119	1134	1140	1134	1116	1110	1106
20	1086	1086	1084	1074	1078	1076	1080	1093	1115	1107	1105	1093	1082	1077	1071
21	1065	1068	1062	1083	1072	1072	1076	1081	1086	1097	1108	1106	1102	1094	1090
22	1067	1070	1073	1068	1069	1070	1075	1085	1093	1099	1107	1107	1104	1097	1084
23	1071	1072	1076	1078	1077	1078	1088	1099	1112	1115	1120	1115	1104	1097	1094
24	1078	1080	1081	1085	1084	1084	1098	1114	1125	1138	1142	1142	1133	1122	1110
25	1078	1080	1077	1078	1076	1080	1081	1106	1118	1125	1126	1122	1119	1110	1100
26†	1069	1072	1079	1076	1075	1777	1076	1078	1083	1099	1114	1122	1124	1118	1107
27	1086	1087	1087	1089	1089	1090	1094	1100	1109	1121	1133	1142	1147	1142	1130
28	1077	1078	1081	1083	1085	1088	1096	1106	1115	1124	1130	1134	1134	1129	1120
29	1085	1083	1081	1080	1083	1087	1089	1097	1108	1118	1125	1128	1125	1117	1107
30	1088	1090	1093	1094	1094	1095	1098	1108	1117	1127	1135	1135	1134	1131	1113
31†	1088	1091	1091	1090	1090	1092	1096	1101	1110	1126	1137	1129	1125	1117	1102
Mean .	1067	1068	1070	1072	1071	1072	1076	1082	1093	1104	1112	1112	1108	1104	1093
Mean† .	1076	1077	1077	1076	1076	1078	1082	1087	1099	1114	1123	1124	1123	1116	1106

JUNE.

1	1091	1091	1092	1093	1095	1097	1103	1111	1116	1124	1130	1134	1138	1140	1130
2	1037	1046	1057	1041	1027	1026	1024	1018	1019	1001	1008	990	981	964	991
3	1022	1026	1025	1031	1036	1038	1048	1060	1073	1082	1085	1086	1088	1087	1077
4†	1052	1053	1054	1054	1061	1060	1061	1065	1075	1086	1093	1090	1083	1084	1077
5	1065	1065	1067	1067	1065	1063	1064	1075	1092	1114	1124	1122	1118	1110	1089
6	1065	1065	1067	1070	1072	1075	1081	1087	1098	1111	1122	1126	1119	1113	1109
7	1080	1076	1083	1084	1082	1072	1070	1071	1079	1086	1099	1106	1105	1097	1083
8	1050	1055	1061	1067	1063	1058	1072	1080	1087	1069	1076	1075	1084	1083	1055
9	1064	1058	1056	1059	1081	1071	1075	1076	1076	1077	1087	1091	1089	1086	1078
10	1061	1063	1065	1063	1068	1071	1080	1082	1090	1093	1093	1094	1105	1096	1083
11	1066	1065	1062	1062	1067	1069	1082	1090	1101	1119	1133	1137	1137	1126	1108
12†	1070	1071	1071	1071	1072	1072	1080	1087	1095	1097	1123	1126	1122	1111	1105
13	1079	1079	1079	1078	1079	1078	1078	1086	1097	1112	1123	1130	1129	1125	1119
14	1076	1072	1071	1072	1073	1073	1075	1084	1096	1117	1133	1135	1139	1126	1114
15	1082	1079	1079	1080	1085	1093	1101	1113	1127	1143	1141	1149	1149	1143	1120
16	1084	1083	1080	1081	1081	1083	1088	1094	1090	1103	1116	1115	1115	1119	1103
17	1077	1078	1078	1078	1078	1081	1085	1089	1095	1106	1121	1121	1110	1097	1096
18	1088	1089	1088	1088	1085	1089	1090	1103	1108	1112	1115	1115	1113	1103	1090
19	1077	1081	1078	1080	1081	1084	1091	1103	1112	1116	1126	1129	1123	1115	1112
20†	1082	1085	1084	1087	1085	1086	1094	1099	1105	1107	1112	1115	1112	1102	1091
21	1081	1084	1089	1086	1084	1082	1089	1098	1106	1117	1126	1132	1130	1129	1119
22	1095	1095	1091	1092	1091	1091	1097	1106	1115	1125	1132	1131	1126	1118	1102
23	1087	1086	1088	1088	1089	1094	1092	1097	1109	1127	1139	1145	1139	1128	1114
24	1075	1066	1067	1080	1082	1084	1091	1100	1106	1120	1114	1107	1112	1117	1102
25†	1083	1082	1083	1079	1079	1079	1082	1091	1102	1112	1124	1120	1115	1114	1140
26†	1085	1085	1084	1085	1085	1085	1089	1096	1104	1116	1129	1128	1120	1113	1109
27	1092	1094	1094	1093	1092	1092	1097	1100	1113	1126	1141	1146	1147	1151	1135
28	1103	1102	1103	1108	1108	1113	1114	1108	1113	1123	1136	1147	1149	1147	1140
29	1101	1089	1081	1079	1082	1087	1090	1095	1105	1114	1129	1133	1119	1113	1097
30	1073	1074	1076	1075	1077	1078	1082	1086	1095	1101	1111	1114	1117	1116	1114
Mean .	1075	1074	1075	1076	1077	1077	1082	1088	1097	1105	1115	1116	1115	1109	1099
Mean† .	1074	1075	1075	1075	1077	1077	1081	1087	1096	1103	1116	1116	1111	1105	1098

†Five international quiet days.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MAY. 36000γ PLUS TABULAR QUANTITIES.

Hours. 15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.*	Maximum. Time.	Maximum. Mag.	Minimum. Time.	Minimum. Mag.	Date.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
1095	1093	1087	1083	1081	1081	1080	1079	1079	1091	10 4	1126	1 2	1074	1†
1107	1101	1092	1086	1083	1080	1081	1081	1083	1096	10 40	1135	4 24	1076	2†
1114	1108	1100	1093	1091	1091	1092	1086	1081	1100	11 44	1137	5 0	1078	3
1070	1065	1059	1048	1025	1025	1034	1012	1012	1067	6 20	1114	23 4	998	4
1038	1022	1038	1042	1035	1019	1029	1048	1040	1045	10 8	1079	16 12	1013	5
1051	1037	1042	1037	1046	1033	1045	1038	1043	1053	11 32	1086	20 24	1027	6
1065	1056	1049	1050	1047	1041	1045	1043	1057	1062	10 52	1107	20 40	1039	7
1087	1081	1077	1071	1069	1063	1055	1048	1050	1076	10 32	1127	22 16	1046	8
1078	1073	1071	1075	1075	1071	1064	1061	1058	1077	11 40	1122	0 40	1051	9
1017	1013	1007	1004	**999**	1007	1018	1026	1024	**1034**	8 50	1075	19 40	**992**	10
1067	1044	1052	1048	1041	1056	1053	1048	1053	1061	11 40	1113	0 24	1022	11
1056	1055	1052	1050	1052	1052	1046	1046	1048	1061	10 52	1091	22 24	1043	12
1059	1057	1058	1056	1055	1049	1043	1052	1056	1065	10 32	1107	21 16	1037	13
1085	1077	1068	1062	1064	1061	1063	1062	1065	1076	10 48	1117	0 28	1049	14
1094	1085	1077	1115	1071	1068	1069	1070	1068	1082	13 32	1120	2 8	1056	15†
1094	1089	1087	1083	1083	1076	1071	1075	1072	1086	11 24	1122	1 42	1065	16
1087	1088	1085	1078	1072	1072	1073	1074	1077	1084	13 0	1110	3 52	1067	17
1079	1070	1070	1071	1065	1077	1076	1077	1078	1087	11 48	1122	19 36	1060	18
1099	1087	1073	1081	1083	1084	1084	1083	1085	1096	10 50	1143	17 26	1069	19
1066	1066	1062	1056	1051	1058	1059	1061	1064	1077	8 44	1108	19 6	1045	20
1070	1058	1063	1065	1065	1064	1059	1060	1064	1076	10 58	1115	16 20	1055	21
1078	1065	1070	1069	1071	1073	1069	1067	1071	1079	10 52	1118	16 40	1060	22
1083	1073	1064	1072	1073	1073	1073	1075	1076	1086	10 44	1122	17 14	1061	23
1097	1088	1079	1076	1077	1078	1079	1081	1079	1098	11 0	1143	18 4	1075	24
1086	1078	1073	1074	1075	1074	1071	1065	1065	1089	9 56	1128	23 16	1063	25
1098	1091	1089	1088	1086	1085	1084	1085	1085	1090	12 12	1125	0 4	1066	26†
1115	1100	1089	1085	1083	1079	1076	1077	1079	**1101**	12 20	**1149**	21 10	1075	27
1112	1104	1094	1087	1088	1086	1081	1087	1087	1101	11 44	1135	0 20	1075	28
1098	1091	1085	1080	1082	1085	1086	1087	1086	1096	11 14	1129	18 40	1079	29
1089	1074	1072	1077	1081	1083	1086	1086	1087	1099	10 56	1137	16 56	1071	30
1092	1090	1085	1083	1082	1083	1084	1086	1089	1098	10 36	1139	19 20	1082	31†
1082	1073	1070	1068	1066	1065	**1065**	1065	1066	1080					Mean.
1097	1092	1086	1091	1081	1079	1079	1080	1081	1091					Mean.†

JUNE.

1123	**1155**	1124	1106	1076	1037	1062	1071	1048	1102	16 36	**1163**	20 16	1021	1
993	999	995	1009	1008	1003	1015	1027	1025	**1013**	2 8	1076	13 22	**949**	2
1067	1056	1055	1057	1057	1054	1053	1055	1055	1058	12 8	1091	0 32	1019	3
1070	1069	1067	1065	1063	1064	1065	1065	1065	1069	10 28	1095	2 50	1049	4†
1076	1066	1066	1061	1062	1068	1067	1068	1068	1079	10 40	1126	19 20	1059	5
1098	1091	1083	1074	1073	1076	1079	1081	1082	1089	11 20	1127	1 34	1062	6
1072	1073	1062	1043	1034	1035	1026	1039	1044	1070	11 36	1107	21 20	1023	7
1047	1049	1052	1050	1038	1039	1039	1047	1056	1061	8 32	1091	19 38	1034	8
1070	1058	1060	1057	1056	1054	1058	1069	1058	1069	10 56	1094	20 48	1051	9
1068	1071	1062	1050	1051	1059	1065	1074	1066	1074	12 30	1106	19 8	1047	10
1089	1077	1073	1072	1071	1068	1069	1075	1072	1087	11 20	1138	3 24	1060	11
1100	1087	1083	1084	1081	1079	1082	1082	1082	1089	11 24	1127	0 30	1068	12†
1107	1096	1091	1088	1087	1079	1073	1067	1072	1093	11 52	1132	22 34	1066	13
1106	1097	1087	1079	1074	1075	1079	1080	1085	1093	12 4	1142	5 40	1070	14
1109	1089	1083	1080	1083	1083	1081	1085	1085	1102	12 0	1154	18 46	1076	15
1087	1074	1073	1077	1075	1076	1072	1075	1077	1088	13 30	1121	16 50	1067	16
1090	1087	1086	1082	1088	1089	1089	1090	1091	1091	11 0	1124	5 0	1073	17
1086	1086	1081	1073	1071	1077	1078	1073	1076	1091	10 40	1118	19 20	1068	18
1100	1088	1081	1081	1081	1081	1078	1081	1082	1094	10 22	1133	21 56	1076	19
1087	1088	1086	1085	1087	1086	1087	1083	1082	1093	11 40	1117	23 16	1079	20†
1109	1101	1095	1093	1090	1093	1091	1093	1096	1101	11 46	1134	0 24	1079	21
1091	1086	1079	1082	1081	1082	1082	1085	1086	1098	10 44	1134	17 56	1078	22
1099	1087	1087	1098	1093	1082	1071	1062	1072	1099	11 20	1146	23 8	1055	23
1092	1092	1095	1093	1094	1089	1083	1082	1082	1093	9 56	1136	1 2	1063	24
1101	1090	1082	1078	1081	1082	1081	1081	1085	1092	11 0	1127	18 20	1076	25†
1105	1099	1096	1087	1087	1088	1087	1090	1091	1098	10 52	1132	2 28	1083	26†
1122	1109	1099	1102	1102	1103	1101	1101	1102	1111	13 14	1156	5 0	1091	27
1128	1124	1107	1103	1099	1103	1106	1105	1105	**1116**	12 52	1151	2 2	1096	28
1080	1059	1062	1069	1072	1073	1073	1073	1073	1089	11 36	1137	16 44	1053	29
1104	1092	1085	1083	1083	1082	1083	1083	1082	1090	12 24	1120	0 16	1071	30
1089	1083	1078	1075	1073	**1072**	1073	1075	1075	1086					Mean.
1093	1087	1083	1080	1080	1080	1080	1080	1081	1088					Mean.†

*See footnote on page 101.
†Five international quiet days.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JULY. 36000γ PLUS TABULAR QUANTITIES.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1080	1079	1079	1082	1082	1084	1089	1096	1111	1123	1126	1136	1133	1123	1115
2	1086	1086	1087	1088	1087	1093	1098	1105	1113	1124	1142	1153	1155	1140	1127
3	1087	1089	1090	1090	1093	1094	1105	1112	1127	1122	1126	1135	1141	1138	1127
4	1062	1062	1064	1067	1068	1075	1077	1087	1104	1124	1136	1139	1138	1134	1116
5	1074	1074	1073	1075	1077	1078	1084	1095	1105	1116	1128	1082	1119	1107	1098
6	1081	1072	1071	1077	1079	1083	1088	1090	1092	1104	1116	1128	1128	1122	1105
7	1079	1077	1075	1075	1078	1081	1085	1086	1099	1111	1126	1135	1137	1129	1115
8	1076	1077	1081	1085	1083	1080	1084	1091	1098	1093	1097	**1102**	1110	1110	1099
9	1086	1087	1085	1089	1088	1086	1092	1097	1112	1123	1141	1134	1130	1127	1119
10	1083	1087	1088	1092	1091	1089	1091	1097	1109	1129	1139	1139	1127	1116	1108
11†	1083	1083	1083	1085	1085	1088	1089	1101	1110	1120	1133	1138	1130	1118	1107
12	1086	1086	1085	1084	1086	1088	1097	1111	1127	1138	1137	1139	1138	1127	1116
13	1086	1082	1079	1083	1100	1096	1105	1114	1124	1137	1145	1115	1138	1126	1119
14†	1092	1089	1087	1093	1093	1095	1096	1105	1114	1127	1138	1134	1128	1113	1098
15	1080	1083	1085	1087	1089	1091	1091	1097	1109	1122	1138	1141	1134	1134	1123
16	1095	1091	1093	1092	1090	1098	1103	1110	1118	1123	1123	1125	1131	1128	1120
17	1103	1105	1097	1094	1097	1097	1097	1100	1110	1118	1131	1132	1124	1114	1105
18	1092	1093	1095	1094	1094	1091	1099	1108	1111	1118	1131	1132	1132	1132	1122
19	1080	1084	1084	1083	1085	1086	1090	1097	1102	1114	1116	1117	1117	1115	1104
20	1089	1088	1087	1087	1088	1087	1089	1097	1106	1120	1139	1141	1136	1132	1122
21†	1092	1094	1092	1089	1090	1093	1096	1100	1106	1122	1129	1131	1132	1130	1116
22†	1091	1088	1085	1085	1090	1094	1099	1105	1110	1114	1127	1135	1136	1127	1119
23†	1098	1103	1102	1104	1101	1101	1109	1117	1125	1142	1162	**1173**	1171	1152	1132
24	1097	1097	1099	1100	1101	1102	1107	1114	1127	1136	1144	**1143**	1142	1139	1140
25	1101	1104	1108	1107	1103	1101	1108	1113	1117	1134	1144	1147	1145	1138	1127
26	1095	1092	1092	1099	1100	1100	1099	1097	1104	1113	1119	1127	1132	1127	1125
27	1097	1101	1102	1098	1095	1097	1098	1097	1102	1113	1120	1121	1117	1112	1103
28	1080	1075	1071	1072	1074	1073	1072	1071	1053	1044	1037	1052	1052	1054	1052
29	1050	1054	1052	1053	1053	1055	1057	1065	1081	1094	1100	1104	1110	1103	1089
30	1062	1062	1066	1066	1067	1071	1072	1071	1079	1095	1106	1111	1112	1105	1106
31	1088	1087	1088	1088	1090	1096	1095	1100	1109	1105	1122	1131	1139	1140	1131
Mean . .	1085	1085	1085	1086	1087	1088	1092	1098	1107	1117	1126	**1131**	1129	1123	1113
Mean† . .	1091	1091	**1090**	1091	1092	1094	1098	1106	1113	1125	1139	**1142**	1140	1128	1115

AUGUST.

1	1022	1026	1024	1039	1047	1048	1026	1020	1031	1055	1061	1078	1083	1078	1071
2	1053	1055	1059	1058	1059	1055	1057	1061	1074	1082	1090	1102	1096	1092	1088
3	1072	1069	1068	1071	1075	1072	1073	1081	1093	1103	1108	1105	1103	1103	1094
4	1076	1062	1065	1066	1067	1075	1078	1077	1082	1091	1100	1109	1112	1107	1101
5	1079	1078	1074	1072	1072	1079	1078	1074	1081	1091	1103	1108	1107	1103	1098
6	1079	1079	1079	1079	1079	1079	1078	1080	1085	1099	1110	1116	1118	1115	1105
7†	1084	1082	1082	1086	1085	1087	1085	1084	1088	1100	1109	1119	1125	1124	1109
8†	1084	1084	1085	1085	1084	1085	1088	1094	1107	1120	1128	1139	1142	1129	1116
9	1092	1090	1090	1092	1090	1092	1091	1093	1109	1126	1144	**1152**	1143	1122	1111
10	1083	1083	1085	1085	1086	1082	1074	1074	1092	1109	1113	1119	1120	1108	1101
11	1071	1077	1078	1079	1082	1079	1083	1080	1087	1102	1117	1122	1117	1110	1102
12	1089	1090	1090	1089	1088	1088	1086	1090	1101	1115	1124	1123	1119	1111	1091
13	1079	1087	1091	1092	1093	1090	1096	1099	1110	1120	1117	1129	1112	1087	1051
14	1067	1079	1066	1065	1068	1067	1066	1080	1090	1107	1117	1119	1119	1110	1099
15	1073	1081	1078	1076	1084	1085	1077	1071	1070	1079	1089	1105	1109	1109	1101
16	1078	1079	1080	1081	1082	1081	1084	1087	1096	1109	1118	1121	1119	1113	1102
17	1083	1082	1099	1079	1080	1080	1077	1077	1081	1079	1099	1089	1083	1093	1099
18	1079	1078	1079	1083	1078	1070	1068	1064	1065	1071	1086	1082	1093	1098	1095
19	1071	1071	1074	1080	1076	1079	1082	1085	1094	1097	1097	1104	1107	1112	1105
20	1072	1073	1071	1072	1072	1074	1072	1073	1082	1103	1117	1126	1127	1111	1098
21†	1078	1079	1082	1083	1081	1076	1077	1078	1091	1108	1123	1127	1128	1121	1107
22†	1079	1079	1081	1083	1084	1083	1081	1081	1090	1102	1112	1119	1122	1117	1106
23†	1092	1091	1093	1093	1094	1095	1094	1093	1103	1121	1141	1148	1145	1134	1124
24	1099	1097	1097	1096	1099	1101	1105	1106	1113	1128	1137	1134	1128	1119	1103
25	1091	1089	1092	1096	1092	1089	1087	1082	1083	1086	1092	1092	1094	1090	1083
26	1082	1083	1086	1087	1088	1087	1089	1094	1104	1107	1110	1115	1122	1120	1112
27	1079	1081	1083	1085	1085	1087	1088	1087	1091	1104	1116	1125	1128	1123	1118
28	1090	1092	1093	1094	1091	1094	1095	1097	1104	1122	1133	1143	1152	1142	1132
29	1090	1089	1088	1088	1092	1093	1095	1101	1110	1125	1145	1151	1149	1146	1141
30	1099	1097	1094	1101	1103	1103	1103	1103	1111	1122	1129	1127	1123	1115	1104
31	1101	1100	1097	1092	1097	1101	1094	1102	1107	1110	1126	1138	1144	1141	1131
Mean . .	1080	1080	1080	1081	1082	1082	1081	1083	1091	1103	1113	**1119**	1119	1113	1103
Mean† . .	**1083**	1083	1085	1086	1085	1085	1085	1086	1096	1110	1123	1131	**1133**	1125	1113

†Five international quiet days.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JULY. 36000γ PLUS TABULAR QUANTITIES.

Hours. 15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.*	Maximum. Time.		Maximum. Mag.	Minimum. Time.		Minimum. Mag.	Date.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H.	M.	γ	H.	M.	γ	
1113	1109	1099	1088	1085	1085	1087	1086	1086	1099	11	16	1137	2	48	1077	1
1120	1108	1097	1088	1086	1087	1086	1086	1088	1105	12	48	1159	21	15	1082	2
1110	1095	1085	1081	1079	1075	1070	1069	1068	1100	12	45	1142	23	56	1063	3
1099	1073	1072	1073	1070	1067	1067	1071	1075	1089	11	20	1140	1	16	1060	4
1092	1092	1080	1078	1090	1096	1085	1081	1082	1092	10	46	1131	17	55	1068	5
1096	1087	1082	1078	1073	1078	1078	1080	1079	1090	11	52	1132	19	54	1070	6
1105	1091	1088	1087	1084	1084	1089	1084	1078	1095	12	25	1138	1	44	1071	7
1090	1080	1076	1083	1079	1080	1080	1083	1085	1088	12	50	1111	1	20	1074	8
1105	1092	1088	1088	1090	1089	1086	1081	1080	1100	10	42	1143	23	24	1079	9
1100	1093	1089	1086	1087	1088	1087	1085	1082	1099	10	55	1142	0	12	1081	10
1095	1086	1087	1088	1087	1086	1086	1087	1088	1098	11	10	1139	2	16	1080	11†
1111	1099	1088	1083	1086	1086	1089	1091	1089	1103	11	20	1141	2	56	1082	12
1111	1097	1086	1080	1084	1088	1088	1090	1093	1104	11	6	1148	3	4	1078	13
1094	1092	1093	1087	1085	1088	1084	1085	1080	1099	10	30	1139	23	40	1077	14†
1112	1102	1090	1092	1091	1093	1094	1093	1094	1103	10	10	1142	0	20	1078	15
1111	1103	1096	1091	1091	1090	1094	1097	1103	1105	12	30	1139	19	55	1089	16
1102	1100	1094	1088	1084	1089	1092	1093	1092	1102	11	5	1134	19	20	1083	17
1099	1091	1081	1071	1077	1080	1079	1077	1077	1099	13	0	1135	18	35	1066	18
1090	1077	1077	1076	1073	1073	1081	1083	1089	1091	11	40	1119	19	55	1071	19
1109	1100	1093	1090	1085	1084	1085	1086	1091	1101	10	50	1142	20	25	1083	20
1105	1096	1090	1090	1088	1087	1087	1090	1092	1101	12	0	1133	20	30	1085	21†
1113	1103	1094	1094	1096	1094	1097	1097	1098	1104	12	20	1137	2	40	1083	22†
1115	1103	1098	1101	1099	1100	1099	1097	1097	1117	11	56	1176	17	40	1096	23†
1127	1119	1121	1122	1121	1109	1110	1106	1099	1118	11	25	1145	0	44	1093	24
1111	1103	1101	1100	1099	1098	1097	1097	1099	1113	11	40	1149	0	40	1092	25
1117	1111	1101	1096	1093	1094	1095	1096	1098	1105	12	20	1133	1	40	1089	26
1100	1089	1083	1080	1078	1086	1083	1072	1063	1096	11	20	1122	23	50	1058	27
1041	1030	1028	1034	1041	1045	1049	1048	1047	1053	0	32	1082	16	40	1024	28
1078	1066	1061	1061	1059	1066	1065	1062	1061	1071	12	25	1111	2	28	1048	29
1095	1089	1086	1080	1079	1079	1075	1077	1086	1084	11	55	1115	0	20	1059	30
1121	1107	1092	1068	1054	1039	1024	1023	1043	1089	13	0	1143	22	12	1008	31
1103	1093	1087	1084	1083	1083	1083	1082	1083	1097							Mean.
1104	1096	1093	1092	1091	1091	1091	1091	1091	1104							Mean.†

AUGUST.

1063	1057	1054	1049	1050	1046	1060	1058	1057	1051	11	40	1084	7	5	1018	1
1091	1084	1080	1078	1076	1075	1072	1072	1071	1075	11	25	1104	5	40	1052	2
1088	1082	1081	1078	1081	1084	1081	1074	1082	1084	10	22	1109	1	44	1067	3
1094	1085	1082	1076	1079	1079	1077	1079	1082	1084	12	5	1113	1	0	1059	4
1091	1091	1086	1082	1081	1080	1079	1080	1079	1085	11	10	1109	7	5	1071	5
1098	1091	1087	1082	1083	1084	1087	1088	1086	1090	12	2	1119	7	0	1075	6
1100	1095	1088	1083	1082	1082	1081	1081	1084	1093	12	50	1126	22	8	1078	7†
1106	1098	1095	1094	1095	1094	1094	1094	1095	1102	12	25	1143	5	2	1083	8†
1096	1083	1067	1061	1058	1059	1054	1062	1078	1094	12	0	1153	21	45	1050	9
1093	1083	1074	1063	1071	1073	1073	1072	1070	1087	12	10	1125	18	30	1059	10
1096	1093	1088	1084	1080	1080	1080	1086	1088	1091	11	30	1123	0	4	1069	11
1072	1052	1047	1046	1055	1066	1061	1061	1076	1084	11	5	1126	18	0	1042	12
1065	1048	1037	1048	1049	1055	1055	1054	1057	1080	11	50	1139	17	20	1033	13
1091	1080	1065	1062	1066	1067	1071	1070	1073	1082	12	25	1120	18	10	1059	14
1096	1091	1078	1076	1078	1075	1076	1076	1075	1084	13	0	1110	8	8	1064	15
1096	1092	1080	1089	1089	1090	1084	1083	1086	1093	10	44	1122	17	40	1075	16
1094	1089	1084	1065	1053	1058	1060	1072	1076	1080	10	20	1100	19	2	1046	17
1088	1091	1085	1055	1045	1053	1070	1068	1074	1075	14	0	1101	19	0	1040	18
1098	1092	1090	1087	1080	1076	1071	1080	1072	1087	13	20	1114	22	8	1063	19
1086	1079	1081	1085	1083	1078	1075	1075	1071	1086	12	0	1130	23	40	1069	20
1094	1088	1084	1082	1078	1077	1077	1077	1079	1091	12	0	1131	5	20	1075	21†
1101	1099	1099	1095	1092	1091	1090	1092	1094	1096	12	0	1123	7	5	1078	22†
1115	1107	1103	1098	1096	1094	1095	1098	1098	1107	12	5	1150	1	24	1089	23†
1096	1093	1091	1092	1094	1092	1090	1091	1091	1104	10	20	1138	21	16	1089	24
1084	1084	1087	1085	1083	1083	1082	1085	1083	1087	10	55	1097	8	0	1078	25
1105	1095	1083	1077	1072	1074	1076	1076	1076	1093	13	10	1124	19	20	1071	26
1114	1107	1101	1095	1093	1089	1087	1090	1090	1098	11	55	1129	0	2	1076	27
1127	1114	1102	1096	1091	1088	1089	1088	1090	1107	12	25	1153	20	18	1085	28
1130	1119	1110	1109	1105	1105	1103	1099	1096	1112	11	2	1152	2	28	1086	29
1101	1098	1098	1098	1094	1096	1094	1095	1098	1105	11	22	1129	2	0	1090	30
1116	1110	1104	1101	1098	1098	1097	1097	1097	1108	12	45	1145	3	48	1090	31
1096	1089	1084	1080	1078	1079	1079	1080	1081	1090							Mean.
1103	1097	1094	1090	1089	1088	1088	1088	1090	1098							Mean.†

*See footnote on page 101.
†Five international quiet days.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER. 36000 γ PLUS TABULAR QUANTITIES.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1†	1096	1097	1093	1092	1092	1092	1091	1093	1098	1115	1125	1125	1124	1121	1113
2	1092	1093	1096	1098	1101	1099	1100	1103	1113	1126	1132	1136	1136	1129	1123
3	1107	1106	1106	1101	1097	1096	1095	1093	1104	1119	1123	1123	1122	1119	1116
4†	1096	1098	1098	1099	1100	1099	1098	1104	1117	1125	1127	1133	1134	1127	1122
5†	1097	1099	1100	1100	1098	1097	1101	1110	1128	1147	1152	1151	1145	1135	1124
6	1100	1101	1101	1103	1104	1104	1105	1111	1129	1149	1160	**1165**	1162	1156	1143
7	1091	1085	1088	1107	1094	1085	1081	1077	1081	1095	1110	1119	1115	1102	1093
8	1086	1087	1081	1079	1084	1084	1076	1066	1077	1080	1081	1080	1077	1070	1064
9	1039	1049	1057	1063	1061	1056	1055	1045	1045	1038	1043	1034	1041	1052	1054
10	1073	1067	1078	1082	1069	1064	1069	1062	1063	1082	1081	1094	1089	1083	1078
11	1067	1068	1072	1074	1076	1076	1069	1076	1079	1087	1095	1099	1091	1094	1094
12	1073	1087	1097	1076	1074	1074	1072	1069	1087	1109	1127	1124	1117	1108	1092
13	1080	1076	1083	1081	1079	1079	1070	1066	1072	1089	1103	1113	1113	1104	1092
14	1079	1079	1079	1079	1079	1081	1079	1078	1085	1103	1122	1131	1132	1133	1131
15	1001	1023	1048	1057	1052	1044	1043	1037	1057	1073	1093	1094	1083	1071	1063
16	933	957	966	971	983	992	987	992	1010	1023	1039	1049	1056	1059	1050
17	1036	1038	1061	1062	1058	1051	1045	1044	1050	1064	1083	1090	1089	1082	1073
18	1072	1072	1075	1086	1082	1080	1086	1085	1110	1124	1129	1115	1105	1094	1079
19	1055	1065	1064	1073	1072	1069	1059	1051	1057	1065	1081	1090	1093	1092	1088
20	1020	1036	1048	1043	1045	1049	1050	1046	1053	1070	1089	1071	1095	1100	1087
21	1003	1016	1032	1064	1059	1037	1034	1025	1039	1039	990	975	957	967	958
22	1012	1021	1027	1025	1026	1034	1039	1045	1059	1070	1068	1075	1079	1059	1041
23	1050	1052	1053	1050	1057	1052	1049	1043	1053	1068	1084	1090	1089	1084	1073
24	1056	1062	1064	1058	1061	1061	1058	1064	1075	1097	1103	1102	1099	1097	1091
25	1072	1069	1067	1068	1066	1069	1069	1063	1072	1090	1094	1091	1085	1078	1071
26	1066	1069	1070	1071	1069	1069	1064	1059	1069	1085	1097	1098	1095	1097	1096
27	1077	1077	1079	1078	1079	1079	1079	1086	1101	1117	1129	1134	1128	1117	1106
28†	1081	1083	1081	1081	1081	1079	1076	1078	1088	1103	1115	1119	1117	1109	1101
29†	1084	1085	1085	1086	1088	1087	1087	1096	1113	1127	1132	1129	1121	1112	1104
30	1088	1088	1089	1089	1090	1090	1089	1093	1103	1114	1121	1125	1123	1116	1105
Mean . .	1063	1067	1071	1073	1073	1071	1069	1069	1080	1093	1101	**1103**	1101	1096	1087
Mean† . .	**1091**	1092	1091	1091	1091	1091	1091	1096	1109	1124	1130	**1131**	1128	1121	1113

OCTOBER.

1†	1089	1088	1090	1092	1092	1093	1093	1097	1107	1111	1117	1119	1118	1117	1113
2	1085	1087	1092	1092	1093	1097	1094	1097	1105	1113	1123	1128	1124	1114	1107
3	1078	1079	1084	1086	1089	1101	1107	1109	1116	1127	1133	1134	1128	1118	1113
4	1078	1071	1075	1075	1075	1075	1078	1090	1094	1091	1083	1073	1070	1076	1063
5	1072	1073	1074	1075	1076	1077	1078	1085	1096	1107	1115	1118	1118	1108	1095
6	1078	1081	1080	1082	1087	1086	1086	1092	1109	1130	1149	**1159**	1153	1138	1122
7	1077	1079	1077	1080	1080	1083	1082	1081	1093	1102	1103	1096	1088	1079	1066
8	1046	1052	1056	1058	1061	1062	1066	1078	1092	1101	1107	1110	1101	1087	1077
9	1069	1071	1071	1071	1076	1080	1078	1086	1103	1119	1127	1126	1115	1101	1092
10†	1084	1083	1080	1082	1081	1081	1080	1082	1094	1108	1121	1124	1121	1114	1103
11	1083	1083	1086	1085	1083	1083	1085	1092	1105	1128	1148	1147	1146	1131	1116
12	1090	1090	1090	1093	1094	1093	1095	1102	1114	1122	1133	1141	1142	1133	1122
13	1091	1093	1096	1094	1089	1094	1087	1086	1096	1111	1132	1148	1140	1126	1112
14	1114	1095	1100	1112	1110	1115	1079	1074	1066	1087	1113	1141	1149	1143	1128
15	1048	1084	1055	1031	1012	1020	962	971	960	987	1011	980	995	1016	983
16	892	855	**815**	857	875	883	920	957	945	969	990	979	988	972	966
17	1002	999	990	998	1005	1013	1013	1019	1030	1037	1045	1061	1055	1042	1033
18	1019	1023	1025	1026	1027	1028	1030	1035	1040	1048	1061	1071	1066	1043	1030
19	1043	1038	1037	1039	1042	1045	1043	1041	1050	1055	1062	1062	1063	1061	1054
20	1026	1027	1023	1026	1028	1030	1036	1048	1067	1075	1088	1095	1088	1072	1065
21†	1051	1051	1054	1054	1051	1049	1049	1057	1075	1087	1099	1106	1101	1092	1083
22†	1056	1057	1057	1057	1058	1061	1060	1065	1077	1090	1101	1103	1099	1088	1079
23†	1067	1068	1068	1069	1067	1068	1072	1080	1089	1097	1106	1116	1114	1103	1092
24	1077	1075	1079	1079	1079	1079	1081	1090	1105	1111	1123	1142	1142	1136	1120
25	1089	1080	1087	1087	1085	1085	1081	1087	1086	1081	1074	1069	1055	1029	1003
26	1035	1036	1034	1038	1040	1042	1048	1055	1069	1079	1087	1096	1083	1071	1061
27	1064	1066	1069	1071	1066	1062	1068	1073	1075	1083	1094	1088	1093	1086	1080
28	1089	1065	1063	1064	1063	1063	1066	1067	1073	1083	1090	1097	1094	1089	1085
29	1077	1077	1077	1081	1085	1088	1097	1109	1123	1133	1126	1124	1118	1106	1098
30	1074	1069	1079	1079	1072	1078	1084	1091	1100	1107	1112	1115	1109	1101	1095
31	1079	1080	1080	1082	1082	1082	1082	1089	1103	1113	1116	1115	1103	1098	1093
Mean . .	1061	1061	1060	1062	**1062**	1064	1064	1071	1079	1090	1100	**1103**	1050	1090	1079
Mean† . .	1070	**1069**	1070	1071	**1070**	1070	1071	1076	1088	**1099**	1109	**1114**	1111	1103	1094

†Five international quiet days.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER. 36000γ PLUS TABULAR QUANTITIES

Hours.									*Mean.	Maximum.			Minimum.			Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		Time.		Mag.	Time.		Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H.	M.	γ	H.	M.	γ	
1106	1103	1103	1100	1096	1093	1092	1093	1093	1102	10	48	1128	6	25	1090	1†
1117	1108	1106	1101	1102	1105	1106	1105	1105	1110	12	2	1137	1	36	1091	2
1113	1107	1101	1095	1089	1089	1092	1093	1096	1104	11	55	1124	19	45	1086	3
1114	1110	1106	1104	1102	1101	1099	1097	1095	1109	12	30	1135	23	29	1092	4†
1112	1105	1101	1101	1101	1101	1101	1100	1100	1113	10	25	1153	5	16	1095	5†
1125	1111	1107	1105	1105	1105	1102	1099	1093	**1119**	11	7	**1166**	23	59	1089	6
1087	1087	1090	1090	1085	1084	1083	1086	1084	1092	11	50	1121	7	8	1073	7
1038	1006	1005	995	978	967	987	1008	1027	1048	1	20	1090	20	30	952	8
1052	1035	1033	1039	1053	1065	1064	1073	1063	1051	21	44	1080	17	0	1021	9
1076	1065	1057	1058	1065	1058	1061	1059	1050	1070	11	38	1099	21	0	1049	10
1087	1077	1072	1061	1064	1060	1062	1063	1066	1076	11	20	1101	18	45	1053	11
1085	1076	1077	1079	1079	1077	1079	1080	1079	1087	11	12	1129	7	8	1065	12
1095	1094	1087	1083	1080	1077	1083	1081	1080	1086	12	24	1115	7	20	1064	13
1113	1102	1086	1064	1067	1069	1073	1043	1010	1086	13	40	1143	23	44	1001	14
1057	1047	1045	1033	1037	1028	986	953	931	1039	19	44	1098	23	40	919	15
1033	1009	1017	1016	1011	1020	1026	1021	1027	1012	13	28	1061	0	10	923	16
1066	1063	1062	1061	1061	1063	1066	1069	1073	1064	11	36	1091	0	2	1032	17
1065	1075	1081	1079	1069	1057	1045	1035	1036	1080	10	8	1130	23	10	1028	18
1083	1079	1081	1085	1078	1081	1068	1045	1037	1071	12	25	1094	23	58	1014	19
1074	1073	1069	1059	1060	1052	1011	1010	1023	1055	13	6	1101	21	32	1001	20
942	953	956	**919**	959	975	991	995	1013	**996**	3	32	1075	18	28	**913**	21
1041	1051	1050	1048	1038	1027	1031	1044	1047	1045	12	30	1081	0	8	1002	22
1066	1061	1061	1061	1059	1057	1065	1059	1055	1062	11	55	1091	7	20	1039	23
1084	1074	1071	1066	1066	1065	1064	1075	1074	1075	11	20	1104	0	56	1051	24
1070	1072	1066	1065	1060	1058	1062	1066	1063	1071	10	15	1095	19	36	1055	25
1093	1089	1085	1081	1080	1076	1074	1075	1076	1079	11	8	1099	7	20	1056	26
1095	1090	1087	1082	1079	1079	1079	1079	1080	1093	11	20	1135	6	0	1076	27
1095	1092	1090	1087	1087	1084	1082	1082	1084	1091	11	40	1120	6	28	1074	28†
1097	1093	1092	1091	1089	1085	1084	1086	1088	1097	10	40	1133	21	20	1082	29†
1100	1096	1095	1095	1094	1091	1094	1094	1091	1099	11	25	1126	1	20	1086	30
1079	1073	1071	1067	1066	1065	1064	**1062**	1062	1076							Mean.
1105	1101	1098	1097	1095	1093	1091	1092	1092	1102							Mean.†

OCTOBER.

1106	1100	1096	1091	1085	1081	1081	**1082**	1083	1097	11	10	1120	20	48	1077	1†
1103	1105	1102	1102	1092	1079	1070	1077	1084	1099	11	48	1129	21	38	1067	2
1112	1108	1104	1099	1093	1084	1081	1089	1081	1102	10	42	1138	0	24	1075	3
1044	1052	1068	1069	1066	1065	1067	1068	1071	1072	9	18	1107	15	36	1033	4
1085	1080	1080	1079	1079	1080	1079	1075	1077	1087	12	10	1120	23	8	1070	5
1109	1096	1091	1088	1082	1074	1077	1074	1075	1100	11	26	**1160**	20	35	1068	6
1045	1027	1021	1016	1022	1035	1025	1025	1034	1063	9	18	1105	18	40	1012	7
1062	1055	1051	1046	1045	1043	1049	1055	1062	1068	11	16	1112	20	20	1039	8
1084	1078	1076	1080	1081	1081	1081	1082	1082	1088	10	15	1128	0	2	1066	9
1091	1081	1077	1078	1077	1075	1076	1080	1082	1090	10	50	1125	20	10	1072	10†
1103	1099	1092	1093	1090	1089	1084	1086	1088	1101	12	5	1153	6	27	1079	11
1114	1108	1104	1105	1099	1093	1092	1094	1099	**1107**	10	56	1145	2	5	1085	12
1101	1094	1099	1097	1097	1093	1097	1098	1097	1103	11	35	1151	7	20	1080	13
1104	1099	1094	1082	1076	1068	1053	1047	1061	1095	11	52	1159	21	52	1038	14
1055	1040	1049	1041	1030	1001	973	939	821	999	19	4	1095	23	24	**774**	15
970	979	980	986	989	990	992	992	999	**950**	10	48	1006	2	40	801	16
1026	1023	1019	1027	1018	1019	1026	1023	1019	1023	11	42	1070	0	58	997	17
1025	1018	1019	1023	1037	1023	1023	1025	1030	1034	12	2	1077	16	40	1016	18
1047	1066	1075	1084	1050	1017	1049	1009	1009	1047	18	36	1099	22	32	999	19
1060	1052	1050	1057	1061	1053	1060	1056	1062	1055	11	40	1099	0	2	1011	20
1071	1063	1062	1062	1069	1054	1053	1055	1054	1067	11	52	1109	6	18	1046	21†
1071	1068	1065	1065	1065	1065	1065	1064	1066	1071	11	20	1105	0	12	1055	22†
1083	1075	1073	1075	1075	1073	1073	1074	1077	1082	11	42	1118	5	4	1064	23†
1106	1095	1085	1083	1081	1076	1078	1083	1083	**1095**	12	2	1150	20	4	1073	24
983	973	983	981	979	963	952	999	1039	1038	2	52	1093	21	8	937	25
1054	1049	1049	1049	1047	1049	1055	1060	1063	1057	11	7	1092	2	28	1033	26
1075	1074	1075	1068	1058	1047	1045	1050	1061	1071	11	38	1098	21	15	1037	27
1087	1082	1071	1055	1045	1059	1067	1074	1072	1073	11	40	1098	19	5	1036	28
1091	1083	1080	1070	1072	1081	1084	1072	1071	1093	9	48	1140	18	52	1064	29
1088	1082	1080	1082	1077	1077	1078	1079	1080	1087	11	20	1116	1	26	1067	30
1089	1085	1081	1079	1075	1072	1071	1073	1075	**1087**	11	13	1117	21	10	1068	31
1072	1067	1066	1065	1061	**1057**	**1057**	1057	1057	1071							Mean.
1084	1076	1075	1074	1074	1070	1069	1071	1072	1081							Mean.†

*See footnote on page 101.

†Five international quiet days.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

NOVEMBER. 36000γ PLUS TABULAR QUANTITIES.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1074	1077	1080	1071	1070	1070	1074	1080	1088	1096	1102	1105	1100	1089	1081
2	1078	1055	1050	1054	1061	1061	1074	1087	1098	1108	1114	1110	1096	1100	1081
3	1080	1083	1084	1087	1085	1077	1078	1083	1095	1106	1111	1104	1084	1054	1039
4	1068	1065	1065	1065	1067	1068	1072	1079	1093	1103	1102	1102	1095	1087	1084
5	1069	1070	1069	1068	1069	1073	1074	1083	1093	1102	1106	1110	1103	1093	1083
6	1084	1083	1083	1085	1086	1087	1093	1103	1119	1138	1142	1136	1122	1100	1100
7†	1086	1086	1087	1088	1089	1092	1097	1108	1116	1123	1131	1131	1125	1113	1098
8†	1090	1089	1089	1089	1091	1095	1097	1104	1120	1132	1140	1142	1132	1121	1112
9	1091	1091	1090	1091	1089	1090	1093	1101	1111	1117	1120	1123	1114	1105	1103
10	1090	1090	1091	1092	1091	1090	1091	1097	1110	1121	1125	1125	1113	1105	1102
11	1093	1093	1093	1094	1095	1099	1101	1110	1124	1135	1135	1129	11 2	1119	1113
12	1106	1110	1107	1102	1093	1111	1108	1109	1121	1133	1149	1149	1139	1124	1111
13	1090	1093	1094	1094	1094	1097	1099	1106	1113	1111	1121	1125	1121	1114	1102
14†	1093	1093	1093	1093	1095	1096	1100	1111	1125	1137	1145	1146	1132	1118	1109
15†	1100	1098	1098	1098	1098	1101	1106	1115	1122	1131	1138	1138	1130	1117	1107
16†	1088	1089	1091	1092	1093	1095	1098	1107	1115	1121	1126	1125	1120	1113	1107
17	1099	1099	1100	1101	1103	1105	1111	1120	1126	1130	1134	1132	1127	1121	1114
18	1101	1102	1101	1102	1103	1105	1112	1125	1134	1140	1143	1136	1124	1111	1101
19	1102	1098	1096	1098	1104	1104	1110	1124	1134	1142	1147	1146	1139	1133	1127
20	1090	1091	1101	1097	1097	1097	1106	1122	1140	1151	1158	1156	1142	1129	1125
21	1097	1099	1098	1097	1099	1103	1111	1123	1136	1147	1158	1157	1144	1131	1120
22	1079	1077	1107	1098	1095	1100	1099	1106	1115	1122	1128	1128	1119	1104	1098
23	1080	1082	1087	1089	1086	1087	1095	1106	1120	1132	1128	1131	1124	1105	1092
24	1091	1095	1097	1099	1099	1101	1103	1109	1119	1120	1128	1132	1125	1115	1109
25	1087	1086	1087	1088	1090	1091	1096	1109	1121	1133	1138	1135	1124	1113	1101
26	1095	1095	1095	1095	1097	1099	1103	1107	1111	1123	1135	1138	1131	1129	1131
27	1102	1099	1099	1099	1102	1104	1108	1120	1129	1138	1145	1144	1139	1130	1118
28	1106	1105	1105	1105	1108	1112	1115	1119	1129	1141	1147	1153	1131	1108	1091
29	1026	1036	1051	1060	1065	1065	1079	1081	1084	1086	1089	1083	1055	1026	1015
30	1046	1047	1051	1048	1052	1060	1059	1080	1081	1088	1101	1101	1094	1083	1072
Mean . .	1086	1086	1088	1088	1089	1091	1095	1105	1115	1123	1130	1129	1119	1107	1098
Mean† . .	1092	1091	1091	1092	1093	1096	1100	1109	1120	1129	1136	1136	1128	1117	1107

DECEMBER.

1	1071	1069	1070	1071	1072	1073	1079	1091	1103	1111	1121	1121	1117	1110	1097
2	1077	1080	1079	1079	1080	1182	1085	1092	1102	1116	1116	1111	1102	1095	1092
3	1090	1091	1092	1094	1094	1098	1103	1112	1125	1133	1126	1137	1125	1119	1112
4	1086	1094	1098	1118	1119	1121	1126	1141	1146	1153	1157	1149	1137	1127	1115
5	1094	1094	1093	1094	1096	1099	1106	1112	1112	1121	1130	1132	1127	1117	1106
6†	1094	1092	1090	1090	1093	1096	1103	1112	1121	1140	1135	1134	1130	1122	1113
7	1099	1099	1099	1097	1098	1095	1098	1109	1115	1122	1127	1127	1122	1114	1110
8†	1096	1096	1096	1094	1094	1096	1102	1111	1120	1129	1133	1133	1125	1112	1104
9†	1098	1099	1098	1098	1101	1102	1109	1129	1140	1148	1150	1146	1143	1133	1118
10	1102	1102	1104	1104	1104	1105	1110	1119	1126	1133	1149	1151	1150	1146	1139
11	1104	1105	1105	1101	1105	1105	1103	1101	1102	1110	1117	1122	1121	1117	1112
12	1101	1101	1100	1100	1101	1104	1111	1125	1137	1147	1153	1149	1145	1135	1136
13	1095	1097	1096	1097	1098	1100	1108	1115	1125	1127	1118	1121	1120	1113	1112
14†	1095	1099	1100	1097	1103	1106	1111	1117	1122	1139	1139	1141	1132	1125	1119
15	1098	1098	1099	1098	1099	1098	1100	1104	1108	1116	1120	1121	1120	1117	1119
16	1078	1077	1075	1085	1092	1084	1085	1080	1077	1082	1087	1087	1073	1079	1070
17	1047	1050	1071	1067	1064	1069	1075	1084	1091	1097	1105	1110	1103	1102	1099
18	1101	1103	1103	1095	1101	1105	1118	1132	1126	1133	1141	1146	1141	1131	1119
19†	1095	1090	1090	1094	1096	1094	1096	1107	1121	1136	1139	1135	1126	1117	1110
20	1105	1104	1099	1096	1099	1102	1111	1121	1130	1137	1143	1139	1134	1121	1108
21	1099	1097	1094	1099	1105	1100	1097	1098	1100	1103	1117	1120	1118	1111	1100
22	1078	1090	1086	1085	1085	1087	1091	1100	1106	1111	1118	1123	1116	1103	1097
23	1087	1093	1095	1095	1096	1096	1098	1106	1112	1123	1130	1141	1145	1146	1128
24	1027	1024	1034	1037	1040	1045	1049	1054	1066	1071	1077	1083	1084	1069	1057
25	1065	1068	1069	1069	1070	1074	1077	1079	1082	1086	1089	1089	1092	1081	1072
26	1077	1080	1081	1081	1081	1084	1089	1089	1082	1086	1088	1086	1087	1087	1082
27	1092	1093	1095	1095	1099	1103	1108	1118	1127	1129	1135	1133	1129	1117	1095
28	1065	1071	1076	1084	1085	1085	1091	1101	1105	1109	1120	1117	1112	1107	1099
29	1099	1108	1093	1090	1090	1096	1098	1095	1091	1099	1105	1112	1103	1093	1073
30	1080	1089	1091	1087	1085	1089	1090	1095	1101	1110	1112	1110	1109	1105	1104
31	1097	1097	1095	1095	1096	1097	1099	1103	1107	1108	1112	1127	1122	1121	1160
Mean . .	1087	1089	1089	1090	1092	1093	1097	1105	1111	1118	1123	1125	1120	1113	1104
Mean† . .	1096	1095	1095	1095	1097	1099	1104	1115	1125	1138	1139	1138	1131	1122	1113

†Five international quiet days.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

NOVEMBER. 36000γ PLUS TABULAR QUANTITIES.

Hours. 15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	*Mean.	Maximum. Time.		Maximum. Mag.	Minimum. Time.		Minimum. Mag.	Date.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H.	M.	γ	H.	M.	γ	
1080	1073	1069	1077	1080	1081	1081	1078	1069	1081	11	20	1108	17	32	1066	1
1074	1073	1079	1079	1081	1081	1083	1083	1084	1081	10	58	1118	2	50	1044	2
1019	1016	1030	1039	1043	1059	1053	1053	1065	1067	10	24	1114	15	44	1012	3
1084	1078	1073	1072	1071	1066	1066	1071	1072	1078	9	29	1111	20	40	1064	4
1085	1085	1085	1086	1083	1077	1077	1079	1083	1084	11	20	1111	3	24	1066	5
1093	1091	1090	1093	1091	1089	1086	1087	1087	1099	10	3	1147	5	20	1082	6
1094	1097	1096	1094	1091	1087	1085	1087	1089	1100	11	8	1133	21	45	1082	7†
1104	1097	1096	1096	1097	1094	1090	1089	1090	1104	10	52	1144	21	20	1087	8†
1102	1095	1091	1090	1089	1086	1084	1086	1090	1096	11	35	1124	21	40	1082	9
1100	1093	1092	1091	1091	1089	1088	1090	1092	1099	11	30	1135	20	12	1083	10
1111	1109	1108	1108	1102	1095	1092	1098	1107	1108	10	36	1138	21	2	1086	11
1104	1100	1091	1095	1090	1087	1087	1091	1091	1109	10	26	1152	17	30	1082	12
1098	1096	1095	1095	1093	1092	1091	1091	1092	1101	10	44	1128	21	15	1087	13
1105	1100	1100	1102	1104	1102	1100	1099	1101	1109	11	24	1155	0	16	1091	14†
1101	1090	1084	1086	1086	1082	1078	1084	1087	1103	10	30	1141	21	32	1077	15†
1101	1099	1100	1099	1098	1095	1091	1095	1098	1103	11	8	1129	21	48	1087	16†
1113	1111	1107	1106	1102	1100	1100	1099	1099	1111	10	40	1135	0	16	1097	17
1095	1089	1081	1076	1079	1093	1096	1098	1100	1106	10	20	1145	18	42	1073	18
1116	1099	1096	1098	1101	1100	1099	1091	1091	1112	10	40	1149	21	58	1086	19
1117	1103	1097	1101	1100	1100	1098	1101	1100	1113	10	33	1164	1	36	1088	20
1120	1120	1115	1100	1092	1088	1083	1084	1086	1113	10	35	1162	21	28	1089	21
1096	1093	1092	1093	1090	1091	1090	1082	1079	1099	10	29	1133	1	40	1070	22
1090	1090	1086	1087	1083	1093	1081	1087	1092	1097	9	12	1134	21	30	1079	23
1109	1100	1092	1091	1091	1089	1081	1079	1085	1102	11	25	1135	21	48	1076	24
1096	1095	1095	1095	1094	1093	1093	1094	1095	1102	10	49	1139	1	10	1085	25
1125	1115	1109	1099	1096	1100	1104	1104	1103	1110	11	32	1139	3	20	1087	26
1109	1106	1102	1103	1101	1097	1101	1103	1107	1113	10	54	1146	20	40	1093	27
1079	1061	1058	1061	1039	1027	1028	1063	1053	1092	11	26	1158	20	32	1022	28
1005	987	972	996	980	992	1012	1030	1050	1039	11	12	1094	17	40	962	29
1061	1066	1070	1070	1072	1073	1075	1073	1073	1071	10	54	1107	0	18	1041	30
1093	1088	1085	1086	1084	1083	1082	1085	1087	1097							Mean.
1101	1097	1095	1096	1095	1092	1089	1091	1093	1104							Mean.†

DECEMBER.

1084	1075	1069	1067	1071	1074	1073	1075	1079	1085	10	50	1126	18	12	1063	1
1093	1092	1089	1084	1083	1083	1084	1088	1089	1091	10	2	1123	0	10	1074	2
1099	1084	1071	1059	1054	1061	1074	1079	1083	1097	10	56	1143	18	44	1052	3
1101	1087	1088	1094	1094	1092	1091	1090	1089	1113	11	4	1169	16	52	1081	4
1096	1092	1094	1096	1096	1096	1093	1094	1094	1103	11	22	1134	16	0	1091	5
1109	1107	1103	1103	1103	1102	1102	1103	1103	1108	10	40	1137	2	8	1089	6†
1101	1092	1091	1093	1095	1091	1090	1091	1092	1103	11	12	1128	17	24	1085	7
1097	1092	1093	1096	1097	1099	1097	1096	1098	1105	10	28	1136	16	40	1090	8†
1110	1106	1105	1104	1105	1104	1101	1099	1102	1115	10	52	1153	6	20	1097	9†
1136	1127	1119	1117	1115	1113	1104	1103	1104	1120	10	56	1153	20	56	1099	10
1105	1098	1088	1100	1093	1089	1095	1101	1103	1104	11	28	1126	17	52	1085	11
1135	1118	1111	1111	1106	1103	1103	1102	1098	1118	10	52	1155	23	48	1094	12
1111	1102	1097	1095	1093	1092	1091	1090	1095	1105	9	10	1128	22	4	1086	13
1113	1110	1105	1103	1102	1099	1098	1097	1097	1111	10	40	1141	21	58	1092	14†
1120	1115	1108	1106	1098	1056	1062	1073	1080	1101	15	16	1123	21	12	1055	15
1058	1047	1044	1044	1050	1043	1034	1053	1048	1067	10	40	1093	23	40	1028	16
1097	1095	1091	1092	1093	1089	1090	1094	1098	1088	11	12	1111	0	42	1045	17
1110	1104	1100	1098	1099	1095	1029	1091	1095	1111	11	50	1147	21	40	1083	18
1105	1100	1099	1103	1103	1096	1094	1097	1101	1106	10	36	1140	20	40	1089	19†
1094	1091	1094	1092	1090	1083	1082	1093	1096	1107	10	12	1144	21	0	1075	20
1090	1083	1084	1087	1079	1066	1058	1067	1074	1093	11	54	1121	21	20	1053	21
1095	1096	1093	1091	1094	1094	1087	1085	1088	1096	11	12	1124	0	16	1074	22
1115	1095	1060	1017	1003	997	1020	1030	1032	1085	13	32	1155	21	4	985	23
1049	1045	1044	1040	1035	1040	1047	1057	1065	1052	12	10	1087	1	4	1019	24
1075	1073	1067	1073	1073	1073	1073	1080	1081	1076	12	4	1093	17	40	1062	25
1084	1089	1091	1095	1094	1093	1091	1091	1093	1087	18	52	1097	14	24	1075	26
1094	1096	1095	1082	1072	1072	1087	1079	1070	1100	10	40	1136	20	16	1065	27
1096	1094	1096	1094	1091	1089	1081	1088	1086	1094	11	4	1124	0	12	1058	28
1072	1069	1076	1073	1072	1064	1068	1089	1079	1087	11	40	1113	14	56	1062	29
1102	1098	1097	1098	1095	1088	1089	1089	1093	1097	10	4	1113	0	4	1077	30
1106	1095	1093	1091	1094	1090	1089	1099	1095	1102	11	52	1131	21	4	1082	31
1097	1093	1089	1087	1085	1082	1082	1086	1087	1098							Mean.
1107	1103	1101	1102	1102	1100	1099	1098	1100	1100							Mean.†

*See footnote on page 101.
†Five international quiet days.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JANUARY. 17000 γ PLUS TABULAR QUANTITIES.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	555	555	553	552	551	551	548	547	551	549	546	546	541	546	547
2	548	549	548	548	547	548	546	553	548	541	539	539	537	538	535
3	543	541	541	542	540	541	540	540	548	547	533	531	532	535	540
4	536	536	536	536	536	536	539	542	538	528	510	504	518	524	530
5†	535	535	535	536	536	537	536	543	548	539	519	505	506	521	530
6	533	534	533	533	534	536	538	543	545	531	521	511	515	521	524
7	530	530	528	528	530	534	532	542	555	539	520	511	517	527	536
8	528	529	531	530	531	534	535	544	549	546	533	530	544	560	571
9	589	588	591	590	590	590	592	594	592	584	573	574	584	588	591
10	592	591	591	590	591	592	589	594	593	593	585	569	582	589	584
11	587	585	584	583	580	581	582	587	590	590	590	585	581	571	562
12	571	570	569	569	568	568	566	567	568	566	554	549	551	557	555
13	559	559	558	557	556	555	555	560	560	560	556	554	560	555	543
14	562	559	559	550	549	550	550	548	548	556	563	557	559	566	563
15	551	551	551	549	544	543	547	544	549	543	533	531	542	541	531
16	539	537	534	533	532	532	527	527	529	534	529	511	522	534	537
17	562	560	559	557	554	553	555	555	554	550	541	543	549	553	550
18	562	561	561	560	559	560	561	557	556	550	541	541	559	568	566
19	571	571	570	566	569	563	562	562	570	567	553	544	558	563	563
20†	577	578	578	578	577	576	579	584	587	586	576	561	572	578	577
21†	586	586	586	586	585	586	586	589	596	595	576	559	577	585	578
22	584	584	583	583	583	583	582	586	592	585	570	566	578	583	582
23	575	575	574	572	565	564	582	581	583	569	554	562	572	575	573
24	567	567	565	566	568	571	571	581	582	572	563	555	553	548	545
25†	564	564	564	563	565	566	566	573	582	589	579	565	571	574	573
26	570	568	569	568	567	566	567	575	576	582	577	569	583	583	577
27	576	572	572	581	571	571	579	581	582	587	580	576	575	572	569
28	563	561	566	562	572	562	564	576	573	564	557	560	560	560	560
29	557	554	551	556	555	553	553	551	552	550	549	549	564	565	556
30†	555	553	553	554	552	555	557	558	548	536	530	530	537	542	548
31	545	544	544	544	544	543	545	547	552	548	539	543	554	564	555
Mean .	560	559	559	559	558	558	559	562	564	560	551	546	553	557	556
Mean† .	563	563	559	563	563	564	565	569	572	569	556	544	553	560	561

FEBRUARY.

1	549	559	550	550	551	551	553	559	552	543	537	543	555	559	557
2	564	564	565	567	565	567	567	570	570	561	555	560	570	578	578
3	570	568	570	568	564	569	572	577	572	561	546	553	565	577	573
4	577	573	576	577	577	577	577	586	592	597	583	564	577	587	587
5	581	578	580	578	580	581	585	587	581	568	552	550	558	567	576
6†	580	579	579	579	576	575	574	580	588	579	565	559	554	552	559
7†	577	576	574	576	575	577	579	583	587	584	573	560	553	554	560
8†	586	587	587	587	586	585	587	591	591	591	587	578	569	560	563
9†	597	596	596	595	595	595	597	603	604	599	590	578	569	568	564
10	577	576	574	573	573	572	575	577	574	569	563	561	567	568	563
11	572	573	573	572	571	568	565	566	567	563	557	553	555	556	553
12	567	567	569	564	563	563	564	566	566	567	566	565	556	556	558
13	563	564	563	562	562	562	565	570	571	566	558	548	540	548	549
14	560	561	562	554	557	557	558	563	565	563	550	545	548	547	543
15	559	559	561	559	555	556	555	558	551	538	530	527	539	542	549
16	555	555	554	564	547	549	549	553	553	545	532	527	534	541	548
17	536	537	537	537	538	536	538	545	545	544	549	550	557	562	569
18	600	600	599	597	603	596	591	600	606	601	596	593	594	597	597
19	603	603	603	603	603	603	602	604	595	591	586	582	589	592	592
20	601	601	601	601	600	601	601	604	604	602	609	615	610	597	582
21	602	600	599	601	601	601	601	605	608	608	610	598	589	591	589
22	592	591	593	592	592	592	591	597	600	588	578	571	571	579	573
23	578	580	579	581	581	582	580	583	576	563	563	565	563	572	581
24	572	575	572	565	570	571	561	557	565	564	571	583	591	589	585
25	581	569	576	577	569	564	563	579	593	591	588	581	572	565	569
26	573	572	572	571	573	572	570	574	575	572	569	573	582	589	582
27†	576	576	576	573	575	573	576	574	570	567	567	570	570	573	574
28	577	577	576	574	573	574	575	577	579	573	567	567	566	561	568
Mean .	576	575	576	574	574	574	574	578	579	574	568	565	567	569	569
Mean† .	583	583	582	582	581	581	583	586	588	584	576	569	563	561	564

†Five international quiet days.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JANUARY. 17000 γ PLUS TABULAR QUANTITIES.

Hours.									Mean.*	Maximum.		Minimum.		Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
546	544	538	548	546	545	547	549	549	548	0 5	556	17 20	535	1
543	542	537	541	539	539	541	541	544	543	8 5	556	14 0	533	2
541	536	535	536	534	533	535	536	537	538	8 48	552	11 4	528	3
528	527	528	533	535	533	535	536	536	531	7 8	546	10 48	504	4
535	536	533	537	536	538	537	539	539	533	8 40	549	11 48	504	5†
530	534	528	533	535	533	534	534	535	531	8 0	546	12 20	505	6
541	540	535	536	537	537	533	536	536	533	8 20	562	11 40	510	7
577	583	583	588	591	590	590	592	593	559	23 36	593	0 2	524	8
591	588	586	592	592	593	593	594	594	589	6 52	594	10 28	567	9
589	590	590	591	590	589	588	588	589	589	9 14	597	11 20	566	10
566	570	572	577	577	575	572	573	575	579	9 10	595	14 48	563	11
557	559	560	563	564	563	559	559	559	562	0 0	571	11 5	547	12
540	543	549	556	558	558	559	561	564	556	10 0	565	14 48	534	13
557	553	549	556	552	550	551	558	555	555	23 10	573	14 52	545	14
528	530	530	533	534	535	538	539	540	540	2 40	555	14 55	527	15
540	542	545	552	551	553	557	556	560	539	21 36	560	11 20	510	16
543	544	552	554	555	554	558	560	560	553	0 24	563	11 24	540	17
562	561	561	567	563	570	572	573	573	561	22 40	575	10 50	537	18
557	564	569	572	563	574	573	578	577	566	22 20	578	11 12	544	19
578	577	576	585	587	584	584	585	586	580	8 32	587	12 20	564	20†
575	577	578	583	585	584	579	582	584	583	8 48	590	11 8	559	21†
575	574	575	579	579	576	576	580	578	580	7 56	594	11 4	561	22
572	573	569	566	573	571	572	572	564	571	8 4	583	10 16	552	23
555	565	567	572	571	566	565	565	564	565	7 56	585	14 8	544	24
563	563	563	565	569	566	564	564	566	569	8 50	589	17 12	561	25†
574	566	567	573	576	576	574	567	574	573	12 20	584	16 28	564	26
568	571	572	572	575	562	565	569	566	573	9 0	589	20 8	560	27
558	551	556	554	556	554	557	559	559	561	7 45	581	16 18	550	28
553	556	550	550	551	553	549	553	554	554	13 0	566	10 40	547	29
548	542	538	541	544	542	545	547	540	546	7 4	558	10 16	527	30†
547	543	544	547	547	545	548	553	553	548	13 20	564	10 24	541	31
556	556	556	559	560	559	559	561	561	558					Mean.
560	559	557	562	564	562	562	563	562	562					Mean.†

FEBRUARY.

558	555	546	558	561	561	561	562	564	554	23 4	569	10 32	534	1
573	571	567	565	566	567	568	570	571	568	13 8	580	10 4	552	2
568	567	569	571	572	576	573	573	576	569	7 25	590	11 20	543	3
586	580	578	579	580	582	579	583	584	581	9 4	600	13 16	564	4
578	576	569	575	575	576	576	577	577	574	7 16	587	13 4	545	5
559	562	563	564	565	566	565	565	568	569	8 20	589	13 4	547	6†
565	571	572	573	577	578	577	578	578	573	7 56	587	12 36	553	7†
576	584	588	588	589	587	585	585	586	584	8 28	593	13 32	560	8†
567	567	567	569	569	568	567	568	568	581	8 24	605	11 28	545	9†
562	563	568	570	572	570	570	570	569	570	0 0	579	14 48	558	10
557	559	559	561	562	562	559	564	565	563	2 44	575	12 16	549	11
564	566	560	561	560	559	560	562	562	563	2 22	572	12 20	553	12
553	551	552	553	555	557	559	559	560	558	2 24	573	12 20	535	13
542	545	545	551	554	555	558	560	560	554	8 36	566	15 8	536	14
551	551	549	552	565	556	557	559	560	551	2 12	564	10 24	524	15
544	536	536	544	550	548	549	550	552	546	3 12	559	14 2	526	16
573	577	585	590	595	594	595	601	599	563	22 20	602	5 4	535	17
597	596	599	602	604	604	602	604	606	599	23 20	608	5 40	569	18
593	595	597	601	605	603	603	604	607	598	23 16	607	12 24	578	19
586	597	595	598	602	598	598	601	604	600	11 8	615	14 40	576	20
592	597	598	598	596	595	594	594	594	598	9 55	611	12 20	587	21
568	569	576	581	581	579	581	580	578	583	7 52	601	15 56	566	22
580	573	568	570	572	572	569	574	572	574	7 48	583	9 20	559	23
570	565	571	576	579	578	584	584	584	574	13 48	598	3 28	554	24
563	563	568	565	567	569	569	570	571	573	8 24	595	5 58	556	25
575	569	566	570	569	572	572	572	563	573	13 16	591	17 4	560	26
579	573	566	566	570	570	573	576	576	572	15 24	579	17 36	565	27†
571	572	568	571	572	572	574	576	577	572	8 24	580	13 4	559	28
569	570	569	572	574	574	574	576	576	573					Mean.
569	571	571	572	574	574	573	575	575	576					Mean.†

*The daily mean value of vertical force derived from 24 hourly values has been corrected for progressive change by 1/48 the difference between the values of the initial and terminal hours.

†Five international quiet days.

MARCH.

(Average for periods of sixty minutes from full hour to full hour of local mean time.)

17000 γ PLUS TABULAR QUANTITIES.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	577	576	575	574	575	576	577	587	591	591	585	577	574	574	577
2	579	579	578	576	576	576	582	593	593	584	574	569	568	570	578
3	576	576	574	576	576	575	577	581	581	576	567	561	555	561	570
4	568	566	567	568	569	569	571	574	573	566	557	552	560	563	564
5	561	561	561	560	560	562	563	565	562	552	544	546	548	560	573
6	569	576	577	580	579	582	585	575	575	567	568	571	584	591	588
7	581	581	581	582	581	578	576	576	574	569	563	563	572	579	581
8†	575	576	577	577	578	578	581	578	571	563	557	557	561	562	565
9	592	591	591	591	593	595	599	599	593	589	581	586	590	596	599
10	599	601	602	602	601	607	612	618	612	601	596	595	596	600	605
11	606	606	606	604	604	603	603	604	599	585	572	562	560	575	587
12	589	589	588	585	586	585	583	582	575	564	557	553	555	561	570
13	571	569	568	567	568	568	567	568	557	549	545	541	540	553	561
14	572	573	572	571	570	571	577	586	586	576	562	553	559	553	557
15†	576	575	573	572	573	574	581	586	589	561	541	533	541	551	560
16	579	578	579	578	579	583	586	589	581	571	559	547	547	562	576
17	587	585	586	584	587	586	588	590	584	578	570	565	562	567	570
18	590	591	591	589	593	593	591	597	592	586	581	578	574	582	585
19	589	589	589	589	587	586	583	578	566	556	555	557	556	561	568
20	577	578	577	580	578	579	584	580	578	574	564	561	568	573	576
21	584	587	584	584	585	586	587	586	581	575	565	559	565	573	583
22	588	587	588	588	588	588	587	587	582	573	560	555	566	578	587
23	586	586	585	585	585	585	590	593	582	566	563	564	567	572	576
24	582	581	579	581	582	583	586	587	581	576	570	567	569	575	578
25†	584	584	584	585	583	583	584	584	577	564	556	549	551	559	568
26†	579	579	577	577	576	576	579	576	569	558	546	542	551	562	572
27	567	568	566	566	567	567	570	575	567	553	545	535	545	553	563
28	563	563	562	561	559	563	568	571	563	552	541	534	540	553	559
29	557	559	556	555	557	559	561	560	557	562	568	568	575	585	597
30	603	600	599	600	600	599	605	605	597	585	570	559	563	576	588
31†	596	596	596	596	596	596	601	603	596	591	583	575	577	586	595
Mean .	581	581	580	580	580	581	583	585	580	571	563	559	562	570	577
Mean† .	582	582	581	581	581	581	585	585	579	567	557	551	556	564	572

APRIL.

1	591	591	590	590	590	591	596	596	590	575	557	541	543	559	576
2†	582	580	580	580	581	582	589	588	586	574	560	553	560	570	577
3	582	580	580	580	580	581	588	589	581	571	559	556	563	570	575
4	578	577	576	574	575	576	581	582	574	562	545	540	542	551	556
5	563	563	562	560	560	560	567	570	569	565	554	548	551	560	568
6	566	566	565	565	567	566	570	570	560	551	543	550	567	582	594
7	602	602	600	599	600	604	605	600	592	578	563	553	562	579	591
8	599	598	598	595	597	601	605	604	593	577	562	557	565	577	584
9	593	594	592	591	589	592	596	591	580	567	559	557	566	575	579
10	586	587	585	585	591	592	596	592	578	562	554	552	559	573	580
11	585	583	583	583	585	590	591	583	574	559	547	542	554	568	577
12	576	575	572	571	571	577	578	570	554	535	525	528	538	550	561
13	564	563	562	560	560	564	569	564	554	537	524	513	528	546	550
14	548	547	547	545	546	552	559	555	542	522	514	522	543	559	570
15	599	605	593	597	594	596	595	590	586	578	577	579	590	613	621
16	599	597	597	600	599	601	608	608	599	585	573	565	570	579	583
17	573	569	576	570	568	568	573	566	556	543	537	536	549	554	560
18	558	558	559	557	558	562	564	552	537	528	533	541	555	567	578
19	591	590	592	593	595	602	607	600	585	575	575	571	578	589	601
20†	589	590	588	587	589	592	597	594	587	579	573	569	573	579	583
21	594	595	594	594	595	598	602	594	581	575	575	575	576	586	593
22	603	602	601	602	598	606	616	611	593	584	581	582	587	591	597
23	599	598	598	597	598	595	602	599	592	583	575	573	576	578	589
24	596	594	594	593	595	597	603	600	591	581	574	570	571	570	585
25	591	594	591	592	591	597	598	594	587	569	558	554	559	575	586
26	581	580	579	579	580	584	585	581	570	557	552	552	551	560	566
27	584	582	584	583	582	585	586	582	574	565	565	569	577	584	590
28†	590	590	589	588	588	591	596	588	574	558	554	556	557	567	579
29†	582	583	581	582	583	588	594	587	573	556	555	559	564	573	577
30†	576	575	575	576	577	585	591	579	559	540	528	523	533	549	560
Mean .	584	583	582	582	583	586	590	586	575	563	555	553	560	571	579
Mean† .	584	583	583	583	584	587	593	587	576	561	554	552	557	568	575

†Five international quiet days.

MARCH.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)
17000 γ PLUS TABULAR QUANTITIES.

Hours.									Mean.*	Maximum.		Minimum.		Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
578	574	573	573	578	577	573	577	579	578	9 0	592	17 20	572	1
581	573	572	573	574	574	575	576	577	577	7 24	597	12 36	566	2
572	572	563	568	571	571	573	573	576	571	8 16	585	12 24	554	3
567	564	560	564	567	561	562	566	568	565	7 45	575	11 25	550	4
580	583	575	575	573	577	578	579	577	566	16 8	583	10 20	541	5
583	575	575	575	580	583	583	582	584	579	13 16	592	10 40	553	6
580	573	569	573	575	575	578	581	581	576	3 32	585	10 48	561	7
572	571	573	579	582	581	582	586	588	574	23 4	590	10 28	553	8†
597	592	593	593	597	596	603	606	604	595	21 52	609	10 8	580	9
603	601	601	604	606	606	607	606	609	**604**	7 26	**618**	11 48	595	10
591	592	592	592	589	590	594	591	592	591	0 32	607	11 36	554	11
567	564	564	569	571	570	569	569	571	572	0 4	589	12 20	550	12
564	559	555	562	567	565	567	569	568	561	0 0	571	12 4	537	13
564	562	560	563	566	568	567	570	571	568	7 48	587	12 52	548	14
566	563	558	561	569	568	568	571	572	566	7 20	587	11 8	**531**	15†
582	581	581	579	582	583	585	586	586	577	7 20	591	11 48	540	16
573	577	580	584	587	584	587	589	591	581	23 12	591	11 59	560	17
587	587	583	583	588	587	587	587	589	587	7 8	598	12 4	574	18
573	570	569	571	573	575	574	575	577	573	0 48	592	10 4	554	19
572	569	570	574	577	576	577	577	580	575	6 24	585	11 36	560	20
586	584	579	579	583	584	586	584	583	581	1 16	588	11 16	559	21
586	580	574	574	579	578	579	579	580	579	0 0	589	11 24	554	22
578	574	574	575	578	576	578	578	581	578	7 20	597	10 8	560	23
580	579	578	580	582	583	586	586	582	580	7 8	587	11 10	563	24
568	566	566	573	575	573	573	573	575	572	1 32	585	11 20	549	25†
571	562	559	564	568	568	568	569	569	567	6 4	579	11 12	541	26†
567	565	558	557	560	562	563	564	563	561	7 16	576	11 24	531	27
556	547	548	555	555	556	557	559	559	**556**	7 8	572	11 32	534	28
595	590	591	597	597	598	600	602	601	578	22 50	602	3 20	553	29
591	591	590	593	598	595	595	596	594	591	6 56	606	11 20	558	30
600	596	591	591	591	590	591	592	592	592	7 36	606	11 8	574	31†
578	575	573	576	579	579	580	581	581	577					Mean.
575	572	569	574	577	576	577	578	579	574					Mean.†

APRIL.

581	578	578	577	578	580	585	586	584	579	6 12	597	11 24	539	1
583	577	573	572	576	580	579	580	582	577	6 38	590	11 20	552	2†
573	568	567	574	574	575	577	578	580	575	7 0	589	11 8	555	3
560	557	556	562	564	565	563	564	565	564	7 4	582	11 4	539	4
574	569	558	556	558	558	560	561	563	562	15 20	575	11 0	547	5
593	590	589	589	592	592	593	595	597	576	23 16	599	10 15	542	6
594	594	594	594	593	595	597	600	600	591	6 4	606	11 20	552	7
590	590	585	587	589	591	591	593	593	588	6 16	605	11 4	556	8
585	585	585	582	586	589	591	591	590	583	6 12	599	11 40	554	9
582	585	585	583	585	586	591	591	589	581	6 20	596	11 25	551	10
584	582	576	573	575	576	580	578	580	575	7 4	592	11 8	540	11
569	569	566	560	561	564	567	566	568	561	6 4	579	10 28	525	12
553	558	554	549	553	554	556	559	557	**552**	6 50	570	11 20	512	13
575	574	575	575	582	587	584	591	596	560	23 25	596	10 20	**511**	14
615	612	607	601	601	605	596	599	604	598	14 4	**623**	11 16	571	15
589	585	587	581	583	587	586	588	587	588	7 4	609	11 15	561	16
563	563	560	560	560	562	564	565	565	560	6 0	576	11 12	533	17
587	589	589	586	589	592	594	595	597	56[illegible]	23 40	598	9 8	527	18
608	603	595	591	595	598	601	603	603	593	6 26	609	11 20	569	19
587	589	591	585	587	589	590	592	594	587	6 8	597	11 20	569	20†
595	596	589	595	592	596	601	602	602	592	22 20	603	10 40	573	21
598	600	598	604	601	600	601	605	607	**599**	6 12	617	10 56	581	22
598	603	598	591	591	592	593	594	594	592	16 8	663	11 32	573	23
593	599	592	589	589	589	589	590	589	589	6 28	605	11 24	567	24
589	587	582	579	579	579	582	580	579	582	6 20	598	11 8	551	25
573	581	579	573	569	572	576	576	579	572	6 0	585	10 24	550	26
587	579	577	577	579	580	581	584	584	580	14 24	593	9 20	564	27
583	581	577	572	576	578	578	579	579	577	6 8	597	10 24	553	28†
581	582	579	572	571	572	573	574	574	575	6 36	594	10 20	554	29†
569	574	571	564	567	570	572	573	573	565	6 4	591	10 56	521	30†
583	583	580	578	580	582	583	584	585	578					Mean.
580	581	578	573	575	578	578	580	580	576					Mean.†

*See footnote on page 113.
†Five international quiet days.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MAY. 17000 γ PLUS TABULAR QUANTITIES.

Date.	Hours.															
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1†	575	574	574	572	573	579	587	583	562	536	534	537	546	557	567
2†	574	574	573	572	573	579	585	578	564	544	537	542	550	560	573
3	582	582	581	582	583	590	596	583	555	552	551	554	559	570	577
4	584	584	585	587	591	595	598	590	580	570	561	557	562	573	582
5	592	593	597	596	593	599	599	583	562	547	546	559	571	585	593
6	593	593	593	594	595	599	601	591	575	559	548	547	560	577	590
7	590	589	589	591	591	597	598	593	581	567	558	555	560	576	591
8	593	591	590	590	590	600	605	593	580	559	552	557	566	579	591
9	586	588	586	588	590	595	602	589	571	559	556	555	558	566	575
10	591	590	588	590	592	600	601	586	573	558	558	557	569	577	580
11	597	598	598	598	600	603	601	587	569	551	546	554	565	576	584
12	591	592	591	592	593	599	602	591	573	562	559	562	565	574	582
13	586	583	584	585	585	595	591	580	566	550	548	551	553	559	565
14	583	581	581	580	582	592	591	578	563	554	551	547	542	557	566
15†	576	575	574	574	575	583	584	574	560	547	547	552	558	564	566
16	570	572	571	569	571	579	579	571	560	559	561	565	573	579	585
17	602	602	603	605	605	606	613	603	591	582	580	578	582	585	587
18	603	604	604	604	603	608	610	611	606	593	589	589	590	591	594
19	601	602	602	602	603	607	608	602	590	577	577	581	585	586	591
20	597	598	597	599	599	602	603	602	590	579	577	576	579	584	590
21	591	592	591	592	594	597	597	597	587	567	565	571	577	585	589
22	586	584	587	585	587	591	590	586	575	570	573	580	590	597	595
23	595	594	595	595	598	604	598	589	581	570	571	571	580	589	593
24	594	593	595	597	597	601	599	595	583	576	575	576	585	594	599
25	596	594	595	596	596	602	601	596	588	581	577	578	581	589	600
26†	592	594	594	596	597	601	600	587	578	572	570	572	579	584	594
27	597	596	596	596	597	604	607	599	585	575	568	567	573	581	590
28	593	594	594	595	597	603	601	595	582	576	575	578	583	582	585
29	586	586	586	587	590	596	594	585	571	560	558	563	570	579	586
30	584	584	584	585	588	593	591	575	563	556	558	561	567	577	582
31†	596	596	596	597	600	604	613	609	597	581	575	576	581	586	590
Mean .	589	589	589	590	591	597	598	590	576	564	561	563	570	578	585
Mean† .	583	583	582	582	583	589	594	586	572	556	553	556	563	570	578

JUNE.

1	601	600	599	599	602	607	605	598	586	575	564	554	555	565	577
2	611	610	611	606	608	612	616	610	604	593	589	586	592	603	609
3	607	606	606	606	609	615	609	604	593	579	576	578	584	595	597
4†	595	595	595	595	594	602	603	590	577	568	568	575	579	588	584
5	585	585	584	583	584	589	590	573	552	546	558	563	567	583	590
6	596	596	595	594	597	603	601	593	584	574	569	568	572	584	593
7	599	601	600	598	600	607	605	598	587	578	572	572	580	587	591
8	606	606	608	611	612	618	614	608	602	593	589	586	587	594	605
9	607	607	607	607	611	612	614	608	595	586	585	581	586	592	597
10	601	602	601	601	602	605	604	594	587	579	575	572	578	589	590
11	595	593	595	596	597	603	601	595	586	568	554	555	567	575	581
12†	588	586	587	586	588	594	600	596	586	584	574	563	557	563	573
13	583	583	583	582	582	587	589	583	570	568	574	575	585	595	602
14	616	615	614	615	616	621	627	615	597	581	576	577	590	605	612
15	616	615	614	613	614	623	624	621	607	591	583	581	583	592	606
16	614	612	613	611	612	616	621	615	603	594	584	570	581	593	601
17	606	605	605	606	606	611	611	607	595	583	579	584	589	593	593
18	601	599	599	599	600	602	605	597	588	583	579	582	588	593	591
19	595	597	597	598	599	604	603	601	589	578	572	567	575	587	597
20†	595	595	595	595	599	604	609	609	599	589	581	577	578	583	585
21	601	603	603	605	606	612	615	612	594	578	571	573	577	584	595
22	605	605	605	606	607	613	612	602	602	592	587	588	594	601	606
23	605	605	606	606	608	614	617	616	608	589	581	580	575	588	593
24	600	600	597	600	601	610	613	593	585	561	548	546	556	571	580
25†	591	589	590	590	591	598	599	595	586	574	564	562	561	571	583
26†	583	582	583	584	585	591	591	582	568	549	551	557	557	567	576
27	574	573	573	573	575	580	587	587	572	561	552	545	559	578	593
28	601	600	600	601	603	609	609	600	589	575	562	567	582	592	601
29	613	612	610	611	610	616	622	617	607	595	583	577	577	584	592
30	613	612	612	611	612	618	619	613	598	586	585	588	586	594	597
Mean .	600	600	600	600	601	607	608	601	590	578	573	572	577	586	593
Mean† .	590	589	590	590	591	598	601	594	583	573	568	567	566	574	580

†Five international quiet days.

MAY.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

17000 γ PLUS TABULAR QUANTITIES.

Hours. 15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.*	Maximum. Time.	Maximum. Mag.	Minimum. Time.	Minimum. Mag.	Date.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
574	578	577	571	569	570	572	573	573	567	6 24	588	9 55	533	1†
578	579	576	572	572	575	577	580	581	569	6 12	587	10 36	533	2†
577	578	578	575	577	580	581	583	583	576	6 4	597	10 8	550	3
586	586	585	586	585	588	594	591	593	583	6 20	598	11 16	556	4
595	595	591	585	591	592	593	594	594	585	5 20	600	10 16	543	5
575	594	590	587	586	588	590	591	591	584	6 20	603	10 26	545	6
596	594	589	587	587	591	592	592	590	585	5 40	598	10 56	555	7
593	589	582	579	581	594	586	587	587	583	6 8	605	10 28	552	8
587	592	591	584	583	585	589	588	590	584	6 20	603	11 4	555	9
584	587	587	587	594	592	592	595	596	584	5 45	602	10 24	553	10
588	593	591	584	591	592	594	594	593	585	5 50	608	10 4	544	11
591	591	586	579	581	585	587	585	587	583	5 40	603	9 30	557	12
571	577	580	572	574	581	581	580	582	574	5 50	597	10 28	548	13
572	574	576	567	570	572	574	575	576	571	5 40	593	11 56	545	14
567	565	561	560	564	568	569	569	570	567	6 8	584	9 0	542	15†
589	595	596	592	593	597	598	600	603	581	23 40	603	9 10	555	16
592	597	599	598	590	597	601	601	601	596	6 8	613	12 40	577	17
596	601	600	598	601	600	601	602	604	600	7 20	614	10 56	587	18
597	598	595	593	595	597	599	599	600	595	6 28	600	9 20	575	19
594	594	589	588	590	592	592	594	593	591	6 16	605	9 32	575	20
589	589	585	581	582	584	586	587	585	586	5 15	598	10 15	564	21
592	596	594	590	589	592	594	595	594	588	13 28	598	9 8	568	22
592	589	584	583	587	590	592	592	593	589	5 24	605	9 10	570	23
602	602	600	595	594	597	599	599	599	593	5 22	602	9 14	573	24
604	601	591	586	592	594	596	597	595	593	15 28	605	10 40	575	25
601	598	589	597	597	596	597	599	598	591	15 24	602	9 56	569	26†
597	599	597	590	593	594	593	592	593	591	5 28	609	11 8	565	27
583	584	585	585	586	588	589	589	589	588	5 24	605	9 20	574	28
587	588	586	579	581	583	582	583	584	581	5 36	596	10 4	557	29
585	588	591	588	590	593	594	595	596	582	23 0	599	9 0	555	30
591	592	594	592	594	595	597	598	599	594	6 40	614	10 4	574	31†
589	590	588	584	586	588	590	590	591	584					Mean.
582	583	582	578	579	581	583	584	584	578					Mean.†

JUNE.

581	584	593	594	602	599	600	604	609	599	6 10	612	11 56	554	1
609	605	605	604	607	607	607	607	607	605	6 28	617	11 44	583	2
598	594	594	594	594	595	597	597	596	597	5 48	615	11 15	576	3
579	577	578	580	581	582	583	584	584	585	6 4	605	10 8	567	4†
590	588	587	585	588	591	592	593	593	581	22 40	595	9 0	544	5
594	595	594	587	591	596	597	598	597	591	5 40	607	11 20	568	6
600	598	596	597	598	598	598	598	599	594	5 32	607	10 36	568	7
605	609	609	603	603	604	608	607	607	603	5 40	620	12 20	583	8
603	601	599	595	596	600	603	603	601	600	5 40	614	11 20	576	9
596	592	595	593	591	593	595	597	595	593	5 20	605	11 40	566	10
589	592	589	584	585	587	589	589	589	585	5 40	603	11 4	550	11
587	589	585	584	579	581	583	582	583	582	6 12	601	11 50	557	12†
608	616	615	606	606	610	612	614	614	594	16 48	617	9 0	567	13
615	615	614	610	606	611	613	614	614	608	6 10	627	10 40	575	14
612	608	607	606	607	608	612	613	614	607	6 4	625	11 4	580	15
601	604	605	603	602	603	606	607	605	603	6 20	621	11 20	570	16
593	595	595	594	594	596	601	601	601	598	5 36	611	10 20	578	17
587	586	593	595	594	594	596	596	595	593	5 48	605	10 40	579	18
599	599	593	587	588	591	593	594	594	591	5 32	604	11 20	566	19
595	597	595	594	595	596	599	600	598	594	6 40	610	11 40	575	20†
605	605	603	600	600	599	600	602	603	598	6 12	615	10 48	571	21
608	609	606	601	603	604	604	607	605	603	5 30	613	10 20	585	22
602	605	602	600	601	603	604	604	602	601	6 4	619	12 20	575	23
585	589	591	589	588	590	591	593	592	586	6 0	613	11 0	546	24
591	593	588	579	579	582	584	585	584	583	6 40	600	12 20	559	25†
584	588	583	573	572	575	576	577	576	575	6 4	593	9 30	548	26†
603	605	600	593	592	596	598	601	600	583	16 8	606	11 8	544	27
608	617	619	611	607	607	609	611	611	600	23 34	619	10 30	558	28
605	608	608	607	607	606	607	610	610	604	6 40	623	11 45	575	29
606	613	613	605	603	594	607	607	608	605	6 8	619	9 20	582	30
598	599	598	595	595	597	599	600	599	594					Mean.
587	589	586	581	581	583	585	586	585	584					Mean.

*See footnote on page 113.

†Five international quiet days.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JULY. 17000 γ PLUS TABULAR QUANTITIES.

Date.	Hours.															
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15	
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	
1	608	606	606	605	607	610	612	607	594	580	581	587	593	590	597	
2	605	605	606	606	608	611	617	614	600	588	581	571	576	589	598	
3	604	603	603	603	603	606	601	591	583	575	568	564	571	570	584	
4	592	592	592	591	595	598	598	587	577	570	572	570	566	575	584	
5	586	587	585	585	585	588	583	579	569	570	572	568	571	580	585	
6	613	613	613	611	612	614	621	613	601	590	585	589	590	592	592	
7	611	611	612	609	611	618	624	616	596	580	568	573	581	588	593	
8	608	608	608	608	608	614	618	610	598	586	569	561	567	587	600	
9	610	611	611	609	609	615	618	612	593	573	569	576	587	593	603	
10	607	607	608	607	609	618	623	613	589	573	569	576	577	579	587	
11†	605	604	605	604	606	611	614	611	598	582	563	558	567	575	589	
12	604	603	604	603	604	609	609	603	593	592	590	584	584	588	601	
13	607	605	602	602	602	609	609	604	591	579	575	583	599	606	610	
14†	613	610	611	610	614	618	619	614	603	593	583	590	589	599	610	
15	608	607	607	608	609	615	615	606	593	589	592	586	588	595	609	
16	612	610	610	611	611	615	623	624	615	603	589	581	583	605	604	
17	613	612	613	611	611	617	617	614	598	591	592	594	593	595	599	
18	608	608	608	609	609	611	615	615	604	585	581	584	593	593	594	
19	605	604	604	605	605	608	613	612	608	604	600	592	590	595	599	
20	600	600	600	599	600	604	610	605	598	589	584	593	597	590	599	
21†	594	594	595	595	594	598	602	601	594	587	583	580	592	602	608	
22†	618	619	620	619	621	623	626	621	616	612	601	604	606	613	616	
23†	622	623	620	622	624	626	633	631	626	614	603	608	613	625	633	
24	617	618	618	617	619	627	627	619	611	601	595	592	599	611	617	
25	617	617	616	616	616	620	627	623	601	591	579	585	589	600	608	
26	609	611	610	608	609	614	615	605	599	591	587	579	578	580	588	
27	599	597	595	594	595	601	604	595	589	577	571	567	566	571	582	
28	594	592	592	591	594	599	602	595	587	580	579	580	571	570	572	
29	591	590	589	589	589	592	596	598	591	587	586	586	579	576	583	
30	593	593	593	592	594	596	604	599	592	581	575	573	576	581	587	
31	595	597	598	599	601	608	616	612	601	595	590	593	599	592	594	
Mean . .	605	605	605	604	605	610	613	608	597	587	582	581	585	591	598	
Mean† . .	611	610	610	610	611	615	619	616	607	597	587	588	593	603	612	

AUGUST.

1	611	610	612	618	618	621	625	616	597	580	574	576	580	585	601	
2	616	613	614	616	616	621	620	614	600	587	581	583	586	589	594	
3	611	611	609	611	611	614	616	613	605	593	585	588	599	604	603	
4	606	606	605	604	605	610	613	605	593	587	584	583	588	602	610	
5	614	614	615	615	614	622	622	614	605	586	576	572	575	582	596	
6	610	610	609	609	611	617	621	612	599	594	591	599	603	599	603	
7†	619	618	619	619	619	624	627	623	610	597	596	599	602	606	611	
8†	620	620	620	620	622	627	629	620	609	597	592	581	583	587	587	
9	599	599	598	598	598	603	606	599	586	576	575	575	581	589	599	
10	604	604	603	603	603	608	607	596	585	588	577	566	572	582	588	
11	600	600	600	600	602	608	610	602	585	564	563	573	581	589	591	
12	601	600	601	600	600	603	610	608	582	577	576	572	570	575	590	
13	606	607	607	607	607	610	610	604	589	575	569	572	591	605	610	
14	602	605	604	605	605	608	608	599	587	579	582	587	591	593	594	
15	603	601	600	600	601	604	608	603	592	577	572	571	584	586	592	
16	595	596	596	597	596	599	600	591	583	574	568	571	579	585	587	
17	601	602	602	603	602	603	608	608	601	593	578	581	585	596	602	
18	603	602	602	603	604	607	612	605	592	581	576	575	579	588	589	
19	607	607	607	606	607	610	617	614	609	600	586	570	573	589	591	
20	606	606	607	608	608	613	615	604	585	572	569	574	584	596	604	
21†	608	608	608	609	611	617	618	610	599	586	579	578	581	590	595	
22†	606	607	606	607	608	613	619	614	602	582	577	578	583	593	600	
23†	614	615	615	615	616	621	628	621	603	590	579	578	588	597	604	
24	614	614	614	614	615	619	623	619	618	609	600	590	590	603	619	
25	617	617	616	616	618	623	631	623	611	598	590	586	592	604	607	
26	616	616	615	615	615	621	623	617	606	595	595	595	600	602	602	
27	615	616	617	616	617	624	625	617	606	593	589	589	596	598	602	
28	614	614	614	613	613	615	619	617	604	589	588	584	583	589	591	
29	609	608	608	607	608	608	614	615	610	596	592	600	604	607	603	
30	604	605	603	602	604	609	614	606	591	573	570	577	589	594	596	
31	598	598	598	598	598	603	605	594	586	569	567	567	574	582	591	
Mean . .	608	608	608	608	609	613	616	610	598	585	581	580	586	593	598	
Mean† . .	613	613	614	614	615	621	624	618	605	591	585	583	587	595	599	

†Five international quiet days.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JULY. 17000 γ PLUS TABULAR QUANTITIES.

Hours. 15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.*	Maximum. Time.		Maximum. Mag.	Minimum. Time.		Minimum. Mag.	Date.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H.	M.	γ	H.	M.	γ	
599	603	607	602	599	600	603	604	605	601	5	56	612	9	12	579	1
606	612	610	600	595	596	598	598	598	600	6	48	619	11	20	571	2
593	595	597	593	589	590	591	592	591	590	5	52	607	11	34	564	3
588	588	582	579	580	581	582	583	583	583	6	8	599	12	30	565	4
594	599	602	601	597	601	605	606	606	588	22	44	607	11	20	567	5
595	600	602	602	602	602	604	605	606	603	6	12	622	11	4	581	6
595	601	606	601	600	603	603	606	605	600	6	20	625	10	20	566	7
608	607	607	602	602	603	605	607	606	600	5	45	618	11	28	559	8
608	609	606	601	601	603	605	603	603	601	6	4	621	10	8	560	9
597	601	603	600	601	602	603	603	603	598	6	8	623	10	0	567	10
602	604	598	595	595	597	601	603	604	595	6	20	616	11	0	558	11†
614	613	609	600	599	598	598	601	603	600	15	30	620	11	40	583	12
612	609	601	595	597	600	604	607	607	601	15	12	613	10	30	574	13
609	610	607	603	601	604	605	608	608	605	6	10	620	10	20	581	14†
621	617	610	605	603	606	609	608	609	605	15	38	621	11	20	585	15
610	615	609	605	605	605	608	607	609	607	7	0	624	11	40	580	16
605	609	610	606	605	604	606	608	608	605	5	24	618	9	4	589	17
594	595	596	602	600	601	604	603	605	601	6	12	645	10	4	580	18
600	604	600	598	598	597	597	599	600	601	6	30	616	11	36	588	19
605	598	590	587	587	590	592	594	595	596	6	20	610	10	30	583	20
605	602	605	611	614	612	614	615	617	601	23	16	648	11	20	578	21†
618	618	613	613	615	615	615	618	610	616	6	0	626	10	24	599	22†
627	630	623	616	618	619	619	621	622	622	14	40	638	10	28	602	23†
611	607	610	609	610	615	617	620	621	613	6	0	628	11	20	592	24
611	611	608	604	604	607	609	610	611	611	6	20	628	11	0	583	25
603	609	608	601	600	601	603	605	607	601	6	4	617	12	0	577	26
586	589	586	593	589	592	595	599	596	589	6	0	605	11	44	584	27
579	586	595	593	586	588	591	592	592	587	5	50	602	12	44	569	28
581	588	589	589	589	592	593	595	597	589	7	4	598	13	8	575	29
591	591	589	585	583	583	584	592	596	588	6	30	605	9	0	573§	30
601	603	605	607	603	604	607	610	610	602	6	40	616	10	25	589	31
603	604	603	600	599	600	602	604	605	600							Mean.
614	613	609	608	608	609	611	613	614	608							Mean.†

AUGUST.

611	623	621	615	614	612	614	615	616	602	6	10	625	10	12	573	1
597	600	603	605	606	608	610	613	613	604	5	54	622	10	40	580	2
598	600	602	599	599	602	603	604	607	603	6	20	617	10	56	585	3
610	610	610	608	608	609	609	614	613	604	6	4	613	12	0	582	4
607	611	610	607	605	608	608	610	611	604	6	14	625	11	12	572	5
610	612	613	608	607	610	612	613	614	608	6	8	621	10	0	590	6
618	615	614	607	610	613	616	618	616	613	4	4	629	9	16	596	7†
594	599	597	592	593	596	598	598	598	603	6	15	629	11	58	579	8†
589	590	591	591	592	595	598	597	599	592	6	0	606	10	30	573	9
592	566	598	596	592	593	594	594	594	593	5	48	609	11	34	565	10
591	591	591	591	593	593	595	597	597	592	6	20	610	10	4	561	11
596	606	602	597	595	597	602	602	604	595	6	30	610	12	30	560	12
608	608	609	596	598	599	601	602	603	590	5	52	616	10	56	565	13
595	604	604	597	595	596	597	599	600	597	5	48	608	9	4	568	14
594	598	599	592	588	589	591	592	593	593	6	8	609	11	14	569	15
590	595	597	594	592	594	597	597	599	594	6	8	600	10	40	566	16
607	603	601	596	594	597	599	600	600	598	6	20	608	10	30	576	17
590	594	600	602	597	600	603	603	604	596	6	40	613	11	40	574	18
595	597	597	597	599	600	603	604	604	599	6	30	618	11	36	569	19
604	599	594	599	602	603	605	606	608	599	6	16	616	10	20	569	20
602	607	605	603	603	604	605	607	607	602	6	0	619	11	38	577	21†
607	614	609	607	607	608	612	612	612	604	6	8	620	10	4	576	22†
613	619	619	615	610	611	613	614	614	609	6	24	629	11	0	577	23†
625	624	617	610	610	611	614	617	617	613	15	20	625	12	20	588	24
606	607	610	611	611	612	613	613	614	610	6	4	634	11	52	586	25
607	612	612	610	607	607	611	613	615	609	6	4	624	10	5	593	26
604	609	605	604	604	608	610	613	613	608	6	0	626	10	48	588	27
592	599	599	599	600	603	606	607	608	602	6	30	619	11	56	583	28
602	602	601	602	602	602	604	605	605	605	7	0	616	10	32	591	29
597	597	592	593	592	593	597	598	598	595	6	12	614	10	16	570	30
595	596	596	592	589	591	592	592	594	590	6	16	606	11	30	566	31
602	604	603	601	600	602	604	605	606	601							Mean.
607	610	608	605	605	606	609	610	610	606							Mean.†

*See footnote on page 113.
†Five international quiet days.
§Lowest hourly value given, curve being lost near the minimum point.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER. 17000 γ PLUS TABULAR QUANTITIES.

Date.	Hours. 0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1†	596	596	595	595	596	599	606	601	590	582	579	577	575	585	596
2	600	604	603	603	604	609	612	610	602	593	586	580	579	590	598
3	601	601	601	600	601	606	611	603	585	569	565	565	574	585	597
4†	593	593	593	592	594	599	598	583	571	564	558	561	569	578	586
5†	586	586	586	587	588	592	592	576	549	545	554	571	584	592	594
6	578	578	577	578	579	583	582	571	557	547	547	548	554	566	572
7	569	568	567	568	568	570	583	578	559	540	535	541	557	576	594
8	601	602	601	603	603	606	615	610	591	574	573	577	587	594	600
9	610	612	608	612	611	612	623	611	598	593	592	597	596	595	602
10	609	611	609	610	609	612	617	607	584	572	563	563	580	592	602
11	608	609	608	609	608	612	618	616	606	592	587	583	584	590	596
12	608	609	608	606	604	608	613	599	573	559	566	575	582	595	606
13	601	601	599	600	599	603	612	606	590	570	567	571	580	589	598
14	602	603	603	603	604	609	616	609	594	575	574	578	583	588	601
15	606	607	607	611	610	614	622	615	597	582	575	577	586	599	606
16	620	625	627	620	623	629	630	615	599	586	576	575	584	597	607
17	622	623	621	623	621	623	629	617	599	593	583	586	590	599	605
18	615	615	614	614	615	615	621	619	606	598	588	587	596	607	619
19	612	614	614	615	614	618	627	622	606	586	577	568	579	589	593
20	605	605	606	607	607	611	615	605	591	588	588	591	604	610	611
21	617	619	620	621	624	624	628	619	603	598	592	580	593	617	622
22	627	622	621	623	623	627	629	620	604	590	592	594	599	612	613
23	613	613	613	613	614	615	617	613	596	588	582	578	590	601	605
24	602	601	603	603	603	608	613	609	597	585	577	573	575	584	598
25	599	599	598	599	590	602	611	605	585	568	558	550	556	570	584
26	591	593	592	591	593	595	598	594	577	566	556	561	570	582	590
27	586	586	585	585	586	589	595	589	570	557	562	571	587	602	614
28†	624	624	624	625	625	627	633	628	621	614	602	599	607	617	620
29†	626	626	625	626	627	629	633	630	613	601	594	591	597	609	614
30	608	608	607	607	608	610	616	615	606	591	583	588	596	603	606
Mean . .	605	605	605	605	605	609	613	607	591	579	574	575	583	594	602
Mean† . .	605	605	605	605	606	609	613	604	589	581	577	580	587	595	602

OCTOBER.

1†	603	604	604	604	605	607	612	609	603	598	592	589	589	598	608
2	609	608	608	609	609	610	616	613	602	590	581	577	585	593	602
3	607	607	606	606	607	608	608	597	586	575	571	572	579	589	596
4	607	607	607	605	605	607	608	602	592	578	573	579	585	593	600
5	603	603	602	602	603	604	607	603	594	583	575	574	574	590	604
6	610	610	610	610	614	613	616	609	596	586	583	585	593	612	623
7	619	619	619	619	619	621	627	620	599	592	584	584	594	611	619
8	619	619	619	618	620	620	625	621	601	597	600	598	606	612	615
9	616	616	615	615	615	619	611	612	602	595	590	592	600	609	613
10†	608	608	606	605	605	607	610	601	589	578	573	579	580	589	599
11	599	599	599	598	599	601	605	603	583	570	570	570	578	589	593
12	588	588	588	588	588	589	590	589	581	575	571	574	582	591	597
13	589	588	587	588	590	593	599	594	580	574	562	559	577	593	612
14	622	627	624	623	628	631	629	628	628	615	605	599	608	623	634
15	630	635	635	627	625	626	629	631	623	612	609	610	615	629	637
16	638	613	614	609	624	622	619	620	615	607	609	615	621	627	627
17	619	619	618	616	618	621	627	617	602	586	580	587	601	605	607
18	616	617	617	617	619	621	628	626	616	607	600	603	615	618	613
19	610	611	610	610	611	614	620	623	620	607	601	601	603	606	610
20	608	611	610	609	610	611	612	612	611	611	606	607	615	617	618
21†	609	610	611	612	613	613	613	608	605	604	602	606	615	623	627
22†	617	617	617	617	618	620	623	617	607	597	597	602	609	614	617
23†	618	616	617	616	616	616	618	622	621	608	593	581	590	599	603
24	609	608	609	609	609	608	610	610	610	608	595	588	601	611	617
25	613	612	611	609	610	611	613	615	605	598	589	593	606	616	617
26	607	608	606	605	606	603	603	602	601	600	594	599	607	612	613
27	597	596	596	596	596	596	595	593	592	590	584	583	586	591	591
28	584	585	584	584	584	585	589	587	585	583	579	581	582	579	578
29	585	585	586	587	587	587	587	591	591	593	591	599	606	608	605
30	605	605	605	606	605	606	606	602	597	589	584	593	604	611	610
31	609	609	610	612	614	617	621	617	602	591	584	589	593	600	605
Mean .	609	609	608	607	609	610	612	609	601	593	588	589	597	605	610
Mean† .	611	610	611	611	611	613	615	612	605	597	591	591	597	605	611

†Five international quiet days.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER. 17000 γ PLUS TABULAR QUANTITIES.

Hours. 15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Mean.*	Maximum. Time.		Mag.	Minimum. Time.		Mag.	Date.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H.	M.	γ	H.	M.	γ	
599	602	600	598	598	599	601	601	602	595	6	20	606	12	16	574	1†
607	611	606	598	598	599	601	601	601	600	6	16	613	12	4	578	2
606	609	602	596	595	596	598	598	583	594	6	12	611	10	54	563	3
591	591	583	580	582	584	586	588	589	583	5	52	600	10	20	558	4†
593	585	575	575	577	578	579	580	580	579	13	29	594	9	0	544	5†
576	576	568	566	569	571	572	575	575	569	6	0	584	9	16	547	6
599	598	593	594	597	600	602	603	605	578	22	40	605	10	28	535	7
608	612	605	604	608	613	607	613	609	601	6	40	615	10	44	573	8
606	605	607	610	610	611	611	613	613	607	6	30	623	9	0	590	9
609	611	606	606	606	609	608	609	616	601	6	12	617	10	48	561	10
604	608	605	606	601	605	606	609	610	603	6	28	618	11	24	581	11
609	608	601	598	599	600	602	603	604	597	6	16	617	9	24	557	12
599	598	592	590	593	595	597	599	600	594	6	20	613	10	16	567	13
603	600	597	597	599	603	605	607	607	598	6	24	617	9	20	572	14
608	604	601	607	610	614	614	616	617	605	6	12	623	10	42	570	15
611	609	608	612	613	613	615	617	619	610	6	36	632	10	40	571	16
604	601	602	605	606	607	609	611	612	608	6	34	629	10	20	582	17
618	613	607	606	607	610	610	609	610	609	6	54	624	10	20	585	18
594	594	595	597	598	598	603	601	603	601	6	40	629	11	20	566	19
609	605	605	606	606	609	609	610	610	605	6	56	615	9	28	587	20
621	615	611	614	614	617	620	619	617	614	6	20	628	11	4	577	21
614	612	608	610	613	613	614	614	615	613	6	8	629	9	40	589	22
607	603	600	601	601	603	603	603	604	603	6	44	618	11	8	577	23
601	596	589	592	591	593	594	597	598	595	6	20	613	11	20	570	24
589	591	590	585	584	585	589	591	591	587	6	28	612	11	20	550	25
592	590	585	580	580	581	581	583	584	584	6	30	599	10	20	555	26
615	612	610	614	615	617	620	623	625	597	23	40	625	9	40	555	27
620	620	622	622	624	625	626	627	628	621	6	40	635	11	4	597	28
614	610	606	609	609	608	609	609	610	613	6	20	633	11	28	590	29†
605	601	598	602	601	601	601	603	603	603	6	50	647	10	20	582	30†
604	603	599	599	600	602	603	604	605	599							Mean.
603	601	597	597	598	599	600	601	602	598							Mean†.

OCTOBER.

610	607	602	606	608	609	609	612	613	604	23	40	613	11	40	586	1†
605	602	596	601	602	605	604	605	607	601	6	20	618	11	28	574	2
596	593	594	599	602	605	605	605	607	597	6	48	612	10	20	570	3
602	596	598	602	603	605	607	607	608	599	6	0	608	10	16	572	4
606	601	595	599	602	604	606	607	607	598	6	28	607	11	56	573	5
625	619	605	609	611	614	616	617	618	609	15	0	625	10	0	581	6
617	611	606	613	615	617	619	618	617	611	6	30	627	10	34	581	7
615	609	606	613	615	614	614	616	615	613	6	16	626	11	15	597	8
609	600	594	602	605	606	607	608	609	607	6	10	622	10	20	589	9
601	595	589	593	595	596	599	600	600	596	6	4	612	10	24	573	10†
598	593	588	590	589	590	591	593	594	591	6	52	606	9	44	563	11
597	588	583	583	584	585	586	589	590	586	14	40	598	10	54	569	12
616	612	606	611	614	615	616	620	617	597	22	40	622	11	8	556	13
634	624	615	618	620	623	627	629	629	623	14	40	637	11	4	598	14
629	621	617	621	624	627	638	646	639	627	22	40	654	10	20	591	15
624	620	620	621	620	620	621	622	623	619	13	36	628	9	40	605	16
607	606	610	616	613	616	617	619	620	610	6	12	627	10	40	579	17
609	606	608	614	614	614	614	615	615	614	6	20	628	10	30	599	18
607	600	600	606	610	610	608	615	612	609	7	4	623	16	40	596	19
618	606	601	604	606	607	608	609	609	610	14	56	619	17	0	597	20
625	615	611	613	614	617	618	619	620	614	14	0	628	10	8	600	21†
615	610	608	613	613	614	614	617	617	613	6	30	623	9	30	596	22†
606	603	601	603	605	604	606	608	609	607	7	0	622	11	20	581	23†
619	610	605	607	609	609	611	613	613	608	15	20	621	11	16	586	24
612	604	606	605	609	614	610	610	613	608	14	0	617	10	40	584	25
608	599	595	598	600	600	601	601	601	603	13	40	613	10	38	594	26
587	584	585	585	584	585	585	586	586	589	0	20	597	10	40	580	27
577	577	578	585	582	581	583	585	587	582	6	20	589	15	30	574	28
603	601	600	606	606	607	609	612	612	598	23	0	612	0	0	585	29
606	601	602	608	608	609	609	610	611	604	13	20	612	10	20	583	30
609	607	606	609	609	609	611	612	613	607	6	40	622	10	0	584	31†
609	604	601	605	606	607	609	611	611	605							Mean.
611	606	602	606	607	608	609	611	612	607							Mean†.

* See footnote on page 113.
† Five international quiet days.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

NOVEMBER. 17000 γ PLUS TABULAR QUANTITIES.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	609	609	608	606	607	609	611	610	605	603	596	596	605	607	609
2	607	607	606	605	607	609	614	614	613	607	602	597	596	598	600
3	608	606	606	607	609	611	610	612	610	606	601	598	599	603	606
4	610	611	611	610	610	611	613	615	611	606	596	595	603	607	611
5	610	611	612	611	613	615	618	619	612	599	586	592	605	609	609
6	611	610	609	608	610	609	610	616	610	597	588	584	595	599	604
7†	599	599	598	599	599	600	601	604	604	597	586	589	598	599	599
8†	609	609	609	609	609	609	614	613	605	597	587	587	593	598	604
9	604	604	601	601	600	600	601	601	599	593	585	578	587	590	595
10	595	593	592	592	591	592	593	592	584	574	565	565	570	572	579
11	583	583	583	582	582	583	581	586	585	580	574	575	576	572	569
12	578	577	576	577	575	575	576	578	575	569	566	572	581	577	568
13	576	576	576	575	575	577	582	582	583	580	572	578	585	576	575
14†	588	588	589	589	589	592	592	595	587	583	585	591	594	599	602
15†	610	611	611	611	611	612	613	616	615	619	604	602	611	614	608
16†	617	617	617	617	618	619	618	619	618	610	603	603	611	617	612
17	609	608	608	609	609	610	609	611	614	612	609	605	607	608	607
18	600	598	597	596	597	596	595	599	595	596	586	579	579	577	577
19	578	577	575	575	577	577	575	580	583	584	577	574	577	576	571
20	572	572	570	569	560	569	569	577	579	577	567	559	561	567	571
21	576	575	576	575	575	577	578	584	583	575	566	569	578	578	578
22	593	594	593	593	593	593	594	598	603	599	593	597	607	609	604
23	617	617	618	620	619	619	618	621	621	618	613	613	617	617	612
24	617	617	616	615	616	616	617	624	624	620	617	617	613	610	607
25	615	615	616	615	616	616	616	621	619	615	616	615	616	615	609
26	612	612	613	612	613	612	611	617	615	604	596	596	596	595	595
27	603	602	603	603	603	603	600	603	600	593	591	591	599	597	590
28	604	604	603	603	604	604	603	610	607	601	594	600	608	603	593
29	606	604	605	605	602	601	601	610	615	612	612	612	620	615	610
30	609	609	607	608	608	607	605	604	605	600	593	592	597	601	600
Mean	601	601	600	600	600	601	601	604	603	597	591	591	596	597	596
Mean†	605	605	605	605	605	607	608	609	606	599	593	594	602	605	605

DECEMBER.

1	600	601	602	602	601	602	602	609	610	606	596	595	591	597	597
2	602	602	602	602	603	604	604	608	605	604	608	611	611	607	604
3	601	601	602	602	602	603	603	609	612	603	596	598	593	602	609
4	610	609	608	607	608	609	606	610	613	614	614	620	620	620	617
5	619	618	618	618	619	620	617	620	623	621	623	621	623	622	616
6†	621	621	620	619	619	620	617	623	625	628	631	631	635	633	631
7	624	624	625	624	624	624	622	622	629	631	633	632	627	623	623
8†	623	622	622	619	618	617	613	612	609	610	612	609	606	605	602
9†	612	611	611	611	610	611	606	611	616	614	611	609	606	607	603
10	608	607	608	606	606	606	603	606	610	607	597	596	592	590	593
11	599	600	599	599	598	599	597	599	599	595	591	590	591	591	590
12	596	596	595	594	594	595	595	596	602	606	600	592	587	585	582
13	598	599	599	600	600	602	603	611	621	624	621	611	608	608	608
14†	609	608	608	609	609	610	608	612	616	613	611	605	594	595	600
15	612	612	614	613	615	615	615	620	625	624	621	621	615	607	606
16	618	619	617	617	619	617	611	618	621	618	619	610	600	599	601
17	624	622	622	621	621	621	614	616	622	625	629	621	619	619	619
18	620	620	620	621	621	621	619	624	629	625	618	614	612	613	617
19†	618	618	618	617	619	619	615	621	625	620	614	614	613	614	609
20	617	616	615	614	614	613	611	617	620	612	602	608	613	617	617
21	614	611	610	610	612	610	611	617	622	618	610	606	607	614	615
22	609	607	607	606	606	606	605	614	618	610	603	597	593	592	596
23	599	598	598	598	599	600	597	598	597	593	594	591	587	584	590
24	603	599	600	602	602	603	603	602	603	601	597	596	600	603	607
25	604	604	604	604	605	605	606	610	616	613	599	600	597	601	607
26	609	609	607	607	609	609	612	616	621	623	618	610	604	597	598
27	617	617	617	616	617	619	617	623	627	632	630	626	624	617	614
28	629	627	625	627	627	631	628	637	646	642	635	629	627	626	628
29	635	636	635	634	635	636	637	643	648	646	641	633	629	633	620
30	632	631	632	632	632	634	632	632	636	634	631	632	627	619	617
31	626	626	626	625	626	626	627	631	631	627	623	623	620	612	610
Mean	613	613	612	612	613	613	611	616	619	617	614	611	609	608	608
Mean†	617	616	616	615	615	615	612	615	618	617	616	614	611	611	609

†Five international quiet days.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

NOVEMBER. 17000 γ PLUS TABULAR QUANTITIES.

Hours.									Mean.*	Maximum.		Minimum.		Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
611	609	607	610	611	610	611	611	612	608	23 4	613	10 50	594	1
602	604	604	607	607	606	609	609	609	606	6 30	616	12 20	594	2
605	605	607	607	608	609	610	609	607	607	7 40	613	11 42	596	3
611	611	606	608	608	606	606	610	609	608	7 30	616	10 40	595	4
608	607	605	609	608	607	607	609	608	608	7 4	620	10 25	586	5
603	599	594	598	599	598	596	597	597	602	7 30	616	11 8	582	6
600	601	600	604	604	602	600	602	603	600	7 30	604	10 36	586	7†
604	600	597	603	602	601	602	603	603	603	6 32	616	10 48	587	8†
599	599	593	592	591	590	591	593	593	595	9 0	605	11 8	578	9
585	585	578	579	579	579	578	579	581	582	0 8	595	10 52	564	10
569	575	573	575	576	574	574	577	579	577	7 34	587	14 40	569	11
569	574	573	571	572	573	574	574	575	574	12 40	581	10 20	565	12
578	581	581	585	585	584	582	585	586	580	23 8	586	10 30	570	13
603	606	604	605	606	605	604	607	609	597	23 16	609	9 20	581	14†
607	611	614	616	617	617	617	619	618	613	22 16	619	11 16	600	15†
609	608	609	612	613	613	611	612	613	613	5 46	620	11 12	601	16†
607	607	607	607	608	606	604	605	605	608	8 12	615	21 20	603	17
579	580	580	583	586	584	584	584	583	587	0 0	600	13 40	576	18
571	573	572	575	575	576	576	576	576	576	8 40	584	14 40	571	19
576	573	571	572	573	573	574	575	575	571	8 36	579	11 40	558	20
581	586	588	592	589	590	593	593	595	582	23 20	597	10 40	566	21
605	607	610	614	614	614	613	614	616	603	23 4	616	2 20	590	22
613	616	618	620	620	619	619	620	621	618	7 40	624	15 0	612	23
608	612	614	620	616	616	616	617	615	616	7 44	625	14 56	606	24
608	608	609	611	611	611	611	612	613	614	7 40	622	15 0	607	25
600	601	598	595	599	598	599	600	599	604	7 42	619	14 4	594	26
594	598	596	598	599	597	597	600	600	598	0 28	603	14 28	590	27
597	601	604	607	603	604	602	604	607	603	7 16	610	14 40	591	28
600	601	601	606	605	605	607	605	604	607	12 40	620	18 0	599	29
597	597	598	600	600	601	601	601	600	601	0 20	609	11 52	591	30
597	598	597	599	600	599	599	600	600	599					Mean.
605	605	605	608	609	608	607	608	609	605					†Mean.

DECEMBER.

601	601	598	601	602	602	602	603	603	601	8 12	611	12 0	591	1
602	602	601	601	601	601	600	601	601	604	12 4	612	21 16	599	2
610	605	604	604	604	604	605	607	607	604	7 20	613	12 4	592	3
615	614	615	617	617	615	616	616	617	614	11 24	624	6 28	602	4
613	615	617	618	619	618	617	618	619	619	11 28	623	15 20	612	5
624	620	618	621	621	620	619	620	620	623	12 20	635	6 20	617	6†
624	623	620	620	621	621	621	622	621	624	10 28	633	17 8	620	7
601	603	605	606	609	605	607	609	610	611	0 40	623	14 30	600	8†
600	604	604	604	606	605	605	606	607	608	8 20	618	15 12	598	9†
595	596	596	595	595	595	595	596	597	599	8 28	610	13 48	589	10
590	592	591	592	595	594	595	596	597	595	1 4	600	14 56	589	11
591	594	591	593	594	594	595	597	597	594	9 20	606	14 36	581	12
607	609	606	609	608	608	608	609	609	608	9 4	625	0 40	597	13
605	609	607	612	611	611	612	613	614	609	9 0	617	12 40	593	14†
613	615	617	618	619	619	621	620	621	617	8 40	625	14 4	603	15
611	615	617	619	623	623	623	626	626	617	22 40	627	13 4	597	16
619	617	617	620	621	620	620	621	620	620	10 8	629	6 40	613	17
609	611	614	615	618	617	619	618	618	618	8 40	630	15 36	607	18
607	610	612	613	616	615	616	616	617	616	8 4	626	15 20	607	19†
615	610	608	609	612	612	612	613	613	613	8 16	620	10 4	601	20
609	602	601	604	605	606	606	605	608	610	8 20	624	16 40	601	21
598	595	592	596	597	597	598	599	601	601	8 4	619	13 50	592	22
595	596	592	595	592	597	601	602	602	596	23 0	603	13 32	580	23
612	608	603	601	606	605	605	606	607	603	15 40	614	10 44	594	24
613	615	611	610	612	610	609	608	611	607	8 40	620	12 20	596	25
608	615	616	618	618	618	617	618	617	613	9 8	624	13 48	597	26
618	623	626	630	630	633	629	633	633	624	23 36	635	14 20	613	27
631	630	634	635	636	634	634	636	636	632	8 20	647	2 4	625	28
621	632	637	638	638	635	635	633	635	635	8 10	650	14 58	617	29
620	626	631	630	630	630	627	626	627	629	8 20	637	13 56	614	30
620	622	623	626	626	623	625	623	625	624	8 8	632	14 4	607	31
610	611	611	612	613	613	613	613	614	612					Mean.
607	609	609	611	613	612	612	613	614	613					†Mean.

*See foot note on page 112.
†Five international quiet days.

At Colaba, a day is classed as (1) a quiet day, or a day of (2) small, (3) moderate, (4) great or (5) very great disturbance, the letter for distinguishing each class being C, S, M, G and VG respectively. For representing intermediate conditions of activity of the smaller period movements, sub-classifications Ca, Sa and Ma are used. Roughly speaking a storm having a range over 225 γ in the variation of the horizontal force during the first twenty-four hours after its commencement is classed as "Very great". It is "Great" if the range is between 150 γ and 225 γ, "moderate" if the range is between 65 γ and 150 γ and "Small" if the range is less than 65 γ. The range is however not the only criterion used in assigning the character of a storm. The oscillations in the magnetograms are duly taken into account in determining the class to which a particular storm should belong. During the year there were 6 days of very great, 6 of great, 29 of moderate and 176 of small disturbances. Of the smaller disturbances, only those which showed special features have been included in this list. The following table gives a list of principal disturbances recorded during the year :—

PRINCIPAL MAGNETIC DISTURBANCES, 1926.

Date.	Civil time of beginning.	Duration in hours.	Horizontal force during storm. Maximum. Time.	Maximum. Magnitude.	Minimum. Time.	Minimum. Magnitude.	Range.	Relative magnitude.	Remarks.
	H. M.		D. H. M.	γ	D. H. M.	γ	γ		
January 2	12 0	53	3 11 4	37118	4 14 50	37031	87	Sa	Commencement gradual.
" 11	11 0	42	12 11 14	37146	11 17 16	37072	74	Sa	Do.
" 13	12 0	89	15 10 48	37111	14 19 50	37005	106	M	Do.
" 18	12 0	40	18 12 0	37110	18 15 6	37017	93	M	Do.
" 22	20 27	36	22 20 30	37108	23 3 40	36960	148	G	Commencement sudden.
" 26	17 0	37	26 21 40	37227	26 23 56	36869	358	VG	Commencement gradual.
February 2	23 0	55	3 9 26	37101	4 17 40	37033	68	Sa	Do.
" 10	10 38	43	10 11 10	37152	12 0 36	36993	159	Ma	Commencement sudden.
" 13	8 0	45	13 9 12	37105	13 18 8	37029	76	Sa	Commencement gradual.
" 15	10 0	20	15 11 56	37121	16 2 40	037	84	Sa	Do.
" 17	20 0	33	18 7 40	37137	18 5 24	37013	124	G	Do.
" 23	21 16	36	23 22 16	37132	24 20 36	36806	326	VG	Commencement sudden.
March 1	19 0	57	3 10 48	37108	2 15 52	37014	94	M	Commencement gradual.
" 5	14 55	38	5 15 10	37131	5 23 32	36853	278	VG	Commencement sudden.
" 9	10 3	90	9 10 56	37153	10 0 16	36931	222	G.	Do.
" 18	1 56	30	18 12 8	37116	18 21 8	36942	174	Ma	Do.
" 19	20 0	86	21 11 32	37107	20 19 24	37026	81	Sa	Commencement gradual.
" 28	10 0	64	30 10 32	37131	28 22 52	37041	90	Sa	Do.
April 6	7 0	46	6 9 56	37151	6 18 4	37029	122	Sa	Do.
" 14	18 52	81	14 18 56	37099	15 16 20	36755	344	VG	Commencement sudden.
" 21	15 7	53	22 11 10	37111	22 20 32	37011	100	Sa	Do.
" 24	10 0	38	24 11 24	37092	24 19 24	37040	52	Sa	Commencement gradual.
May 4	2 5	98	4 6 20	37114	4 23 4	36998	116	Sa	Commencement sudden.
" 9	18 0	104	11 11 40	37113	10 19 40	36992	121	Sa	Commencement gradual.
June 1	15 57	32	1 16 36	37163	2 13 22	36949	214	G	Commencement sudden.
" 7	19 0	77	10 12 30	37106	7 21 20	37023	83	Sa	Commencement gradual.
" 23	17 48	30	24 9 56	37136	23 23 8	37055	81	Sa	Commencement sudden.
July 5	15 0	14	5 20 36	37100	5 17 55	37068	32	Sa	Commencement gradual.
" 7	7 0	21	7 12 25	37138	8 1 20	37074	64	Sa	Do.
" 28	0 0	24	28 0 32	37082	28 16 40	37024	58	Sa	Do.
" 31	8 0	39	31 13 0	37143	31 22 12	37008	135	M	Do.
August 9	11 0	27	9 12 0	37153	9 21 45	37050	103	Sa	Do.
" 12	10 0	47	13 11 50	37139	13 17 20	37033	106	M	Do.
" 17	8 0	65	19 13 20	37114	18 19 0	37040	74	Sa	Do.
September 8	0 0	73	10 11 38	37099	8 20 30	36952	147	M	Do.
" 11	10 0	44	12 11 12	37129	11 18 45	37053	76	Sa	Do.
" 14	13 36	63	14 13 40	37143	15 23 40	36919	224	Ma	Commencement sudden.
" 18	2 56	26	18 10 8	37129	18 23 10	37028	101	M	Do.
" 19	18 0	60	20 13 6	37101	21 18 28	36913	188	Ma	Commencement gradual.
October 3	5 22	37	3 10 42	37138	4 15 36	37033	105	Sa	Commencement sudden.
" 14	0 15	69	14 11 52	37159	15 23 24	36774	385	VG	Do.
" 19	13 36	35	19 18 36	37099	19 22 32	36999	100	M	Do.
" 24	10 20	41	24 12 2	37150	25 21 8	36937	213	Ma	Do.
" 29	17 20	12	17 21 15	37091	29 18 52	37064	27	Sa	Do.
			Nov.		Nov.				
" 31	23 0	75	2 10 58	37118	3 15 44	37012	106	M	Commencement gradual.
November 6	8 34	17	6 10 3	37147	6 20 58	37085	62	Sa	Commencement sudden.
" 11	22 40	28	12 10 26	37152	12 17 30	37082	70	Sa	Do.
" 21	15 9	17	21 15 54	37125	22 1 40	37070	55	M	Do.
" 28	6 0	68	28 11 26	37158	29 17 40	36962	196	Ma	Commencement gradual.
December 4	0 38	26	4 11 4	37169	4 16 52	37081	88	Sa	Commencement sudden.
" 15	19 0	61	18 6 56	37128	16 21 40	37028	100	Sa	Commencement gradual.
" 20	22 14	29	21 11 54	37121	21 21 20	37053	68	Sa	Commencement sudden.
" 23	10 0	42	23 13 32	37155	23 21 4	36985	170	Ma	Commencement gradual.
" 27	10 0	68	27 10 40	37135	28 0 12	37058	77	Sa	Do.
" 31	11 7	16	31 11 52	37131	31 21 4	37082	49	Sa	Commencement sudden.

Fourier analysis of the diurnal and annual variations of Horizontal force for the five International quiet days during 1926.

Diurnal variation : $\triangle H = c_1 \sin(\theta + \varphi_1) + c_2 \sin(2\theta + \varphi_2) + \ldots\ldots\ldots$; θ is counted at the rate of 15° per hour from midnight to midnight (G. M. T.).

Annual variation : $\triangle H = c_1 \sin(\theta + \varphi_1) + c_2 \sin(2\theta + \varphi_2) + \ldots\ldots\ldots$; θ is counted at the rate of 30° per average month.

Quantity.	Diurnal Variation.												Annual Variation.
	Jan.	Feb.	March.	April.	May.	June.	July.	August.	Sep.	Oct.	Nov.	Dec.	
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
c_1	17·9	19·7	24·3	22·4	21·4	16·1	21·6	18·4	17·7	18·3	19·0	17·2	3·3
c_2	8·6	8·4	10·8	10·7	10·0	8·5	11·4	11·0	8·7	9·7	9·2	9·6	4·9
c_3	2·6	4·3	4·9	3·9	3·3	2·7	4·7	4·9	4·6	4·4	4·7	4·1	3·8
c_4	1·4	0·7	1·4	1·7	1·5	1·4	1·5	2·3	1·6	0·9	1·1	0·2	3·2
c_1/c_2	2·1	2·3	2·3	2·1	2·1	1·9	1·9	1·7	2·0	1·9	2·1	1·8	0·7
	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
φ_1	330 47	342 43	347 47	342 55	345 14	348 1	351 21	336 56	344 10	348 44	358 18	356 25	314 50
φ_2	240 9	247 29	259 33	230 34	243 2	248 23	249 30	227 52	246 38	239 10	268 8	271 19	89 4
φ_3	165 13	159 21	178 42	146 0	163 18	175 30	141 17	134 40	169 16	167 52	187 44	194 41	187 20
φ_4	358 47	165 24	108 26	103 9	101 15	233 33	29 8	48 31	104 29	63 42	52 26	67 37	274 31

Apparatus.—Milne-Shaw Seismograph (N.-S.) : Damping Ratio-20 : 1

	V	T_0	ϵ	$\frac{r}{T_0^2}$
An	250	12	2·6	....

Date.	Phase.	Time G. M. T.	Period (Sec.).	Amplitude (μ) An.	Remarks.
1926.		H. M. S.			
Jan. 5	P	10 7 17	..	..	
	S	10 10 30	..	..	
	L	10 11 56	..	..	
	M	10 17 4	13	8	
	F	11 25 0	....	..	
,, 6	e	23 57 6	..	..	Tremors.
7	f	0 44 0	..	..	
,, ,,	e	14 45 0	..	..	Tremors.
	f	16 5 0	..	..	
,, 8	e	13 44 0	..	..	Tremors.
	f	15 46 0	..	..	
,, 18	e	11 26 0	..	..	Tremors.
	f	12 42 0	..	..	
,, 18	e	17 12 0	..	..	Tremors.
	f	18 7 0	..	..	
,, 18	P	21 13 1	..	..	
	S	21 17 34	..	..	
	L	21 21 49	..	..	
	M	21 22 39	20	202	
	F	Lines Mixed	Up	..	
,, 22	e	19 15 0	..	..	Tremors.
	f	19 36 0	..	..	
,, ,,	e	22 29 0	..	..	Tremors.
	f	22 57 0	..	..	
,, 23	e	0 30 26	..	..	Tremors.
	f	1 31 0	..	..	
,, 23	e	3 21 0	..	..	Tremors.
	f	4 7 0	..	..	
,, 25	P	0 49 16	..	..	
	S	0 59 54	..	..	
	L	Lines Congested.	..	..	
	F	5 13 0	..	..	
,, 26	Pe	7 22 37	..	..	Slight Shock.
	S	7 29 14	..	..	
	L	7 37 37	..	..	
	M	8 7 17	20	16	
	F	9 54 0	..	..	

Date.	Phase.	Time G. M. T.	Period (Sec.).	Amplitude (μ) An.	Remarks.
1926—*contd.*		H. M. S.			
Jan. 29	e	0 39 0	..	..	Tremors.
	f	1 47 0	..	..	
,, ,,	e	3 47 0	..	..	Tremors.
	f	5 14 0	..	..	
Feb. 3	e	11 54 0	..	..	Tremors.
	f	13 47 0	...	..	
,, 4	e	7 3 0	..	..	Tremors.
	f	7 41 0	..	..	
,, 6	e	9 10 0	..	..	Tremors.
	f	9 56 0	..	..	
,, 7	P	2 55 43	..	..	Slight Shock.
	S	3 5 28	..	..	
	L	3 22 43	..	..	
	F	4 7 0	..	..	
,, 8	e	23 5 19	..	..	Tremors.
	f	23 59 0	..	..	
,, 8	P	15 37 21	..	..	
	Pr	15 41 16	..	..	
	S	15 50 41	..	..	
	Sr	16 0 6	..	..	
	L	16 26 41	..	..	
	M	16 35 39	30	110	
	F	18 38 0	..	..	
,, 9	e	0 40 0	..	..	Tremors.
	f	2 12 0	..	..	
,, 13	e	9 30 0	..	..	Tremors.
	f	11 46 0	..	..	
,, 15	P	3 19 13	..	..	
	Pr	3 23 12	..	..	
	S	3 29 29	..	..	
	Sr	3 32 35	..	..	
	Le	3 50 42	..	..	
	M	4 21 54	19	11	
	F	5 46 0	..	..	
,, 21	e	2 25 0	..	..	Tremors.
	f	2 53 0	..	..	
,, 26	e	22 34 0	..	..	Tremors
	f	23 0 0	..	..	

Date.	Phase.	Time G. M. T. H.	M.	S.	Period (Sec.).	Amplitude (μ) An.	Remarks.
1926—*contd.*							
Mar. 1	P	20	9	38	..	..	Feeble shock.
	S	20	19	26	..	..	
	F	21	7	0	..	..	
„ 3	Pe	18	15	20	..	..	Feeble shock.
	S	18	18	5	..	..	
	F	18	43	0	..	..	
„ 4	P	9	40	39	..	..	
	S	9	48	15	11	18	
	Sr	9	52	58	..	..	
	L	9	58	48	..	..	
	M	10	4	29	18	7	
	F	11	38	0	..	..	
„ 7	e	20	53	7	..	..	Tremors.
	f	21	3	0	..	..	
„ 8	P	20	32	31	..	..	Feeble shock.
	F	21	33	0	..	..	
„ 9	e	9	47	0	..	..	Tremors.
	f	10	15	0	..	..	
„ 13	e	19	52	0	..	..	Tremors.
	f	20	14	0	..	..	
„ 17	e	5	3	0	..	..	Tremors.
	f	5	28	0	..	..	
„ „	Pe	12	18	0	..	..	Feeble shock.
	F	14	34	0	..	..	
„ 18	e	6	38	0	..	..	Feeble shock.
	f	6	57	0	..	..	
„ „	P	14	13	56	..	..	
	Pr	14	15	56	..	..	
	S	14	20	18	..	..	
	Sr	14	23	24	..	..	
	L	14	27	18	..	..	
	M	14	38	4	19	42	
	F	16	31	0	..	..	
„ 19	Pe	19	13	35	..	..	Feeble shock.
	S	19	21	42	..	..	
	F	19	59	0	..	..	
„ 21	P	12	15	27	..	..	Feeble shock.
	S	12	23	5	..	..	
	F	13	52	0	..	..	
„ „	Pe	14	38	12	..	..	
	S	14	44	24	..	..	
	Sr	14	47	49	..	..	
	Le	14	53	35	..	..	
	M	15	5	42	30	22	
	F	17	4	0	..	..	
1926—*contd.*							
Mar. 22	P	16	27	55	..	..	Feeble shock.
	F	16	59	0	..	..	
„ „	P	18	41	28	..	..	Feeble shock.
	S	18	51	28	..	..	
	F	20	3	0	..	..	
„ 24	e	11	12	0	..	..	Tremors.
	f	12	24	0	..	..	
„ 27	Pe	11	1	29	..	..	
	S	11	11	51	..	..	
	L	11	30	29	..	..	
	M	12	1	49	18	8	
	F	13	56	0	..	..	
„ 29	P	16	3	43	..	..	Feeble shock.
	S	16	9	14	..	..	
	F	16	31	0	..	..	
April 1	P	16	13	16	..	..	Feeble shock.
	S	16	20	49	..	..	
	F	17	5	0	..	..	
„ 6	e	9	44	0	..	..	Tremors.
	f	10	45	0	..	..	
„ „	e	20	6	0	..	..	Tremors.
	f	20	34	0	..	..	
„ 8	Pe	10	31	44	..	..	Feeble shock.
	S	10	42	21	..	..	
	F	13	5	0	..	..	
„ 9	e	10	15	0	..	..	Tremors.
	f	11	25	0	..	..	
„ 11	Pe	6	30	56	..	..	Feeble shock.
	So	6	34	45	..	..	
	F	6	59	0	..	..	
„ 12	P	8	51	18	..	..	From Colaba Seismograph No. 2 (An.)
	S	8	57	5	..	..	
	L	9	4	57	..	..	
	M	9	20	1	..	..	
	F	10	44	0	..	..	
„ 15	e	5	55	0	..	..	Tremors.
	f	6	38	0	..	..	
„ 20	e	12	44	0	..	..	Tremors.
	f	13	5	0	..	..	
„ 23	Pe	1	35	35	..	..	Feeble shock.
	S	1	38	57	..	..	
	Le	1	40	42	..	..	
	F	2	12	0	..	..	
„ 26	Pe	5	30	43	..	..	Feeble shock.
	S	5	32	0	..	..	

Date.	Phase.	Time G. M. T.			Period (Sec.).	Amplitude (μ) An.	Remarks.
1926—*contd.*		H.	M.	S.			
	F	5	41	0	..	..	
April 28	Pe	11	33	7	..	..	Feeble shock.
	Se	11	36	21	..	..	
	F	13	22	0	..	..	
May 2	e	10	5	0	..	..	Tremors.
	f	10	24	0	..	..	
„ 7	e	9	31	0	..	..	Tremors.
	f	10	30	0	..	..	
„ 11	P	12	8	25	..	..	
	Pr	12	9	52	..	..	
	S	12	13	55	..	..	
	Sr	12	16	48	..	..	
	L	12	19	7	..	..	
	M1	12	20	28	18	7	
	M2	12	25	14	17	5	
	F	13	26	0	..	..	
„ 20	Pe	7	11	38	..	..	
	S	7	18	52	..	..	
	Le	7	31	10	..	..	
	M	7	37	25	19	7	
	F	Lost in shifting time.					
„ „	P	10	50	11	..	..	Feeble shock.
	S	10	54	11	..	..	
	L	10	57	0	..	..	
	F	11	20	0	..	..	
„ 26	e	19	37	0	..	..	Tremors.
	f	20	40	0	..	..	
„ 29	Pe	22	41	52	..	..	
	S	22	45	34	..	..	
	L	22	48	15	..	..	
	M	22	52	49	8	7	
	F	23	18	0	..	..	
„ 31	P	13	45	16	..	..	
	S	13	52	53	..	..	
	Sr	13	56	46	..	..	
	L	14	4	46	..	..	
	M	14	5	1	16	7	
	F	15	25	0	..	..	
June 3	Pe	5	2	44	..	..	Slight shock.
	S	5	11	29	..	..	
	F	6	22	0	..	..	
„ 4	P	6	55	49	..	..	
	S	6	59	50	..	..	
	L	7	2	49	..	..	
	M	7	4	49	9	29	

Date.	Phase.	Time G. M. T.			Period (Sec.).	Amplitude (μ) An.	Remarks.
1926—*contd.*		H.	M.	S.			
	F	7	58	0	..	..	
June 5	e	9	26	0	..	..	Tremors.
	f	9	58	0	..	..	
„ 6	e	6	54	0	..	..	Tremors.
	f	7	19	0	..	..	
„ 13	e	2	17	0	..	..	Tremors.
	f	2	38	0	..	..	
„ 17	e	18	24	0	..	..	Tremors.
	f	18	40	0	..	..	
„ 21	e	9	24	0	..	..	Tremors.
	f	9	48	0	..	..	
„ 24	e	21	33	0	..	..	Tremors.
	f	21	59	0	..	..	
„ 26	P	19	54	37	..	..	
	S	20	0	46	..	..	
	L	20	5	1	..	..	
	M	20	5	16	18	123	
	F	22	29	0	..	..	
„ 28	P	3	30	5	..	..	
	S	3	35	16	..	..	
	L	3	38	31	..	..	
	M	3	38	46	10	16	
	F	5	49	0	..	..	
„ „	P	6	22	20	..	..	
	S	6	27	23	..	..	
	L	6	30	12	..	..	
	F	8	20	0	..	..	
„ 29	P	14	35	54	..	..	From Colaba Seismograph No. 1. (AE).
	S	14	42	56	..	..	
	L	14	51	35	..	..	
	F	15	30	0	..	..	
„ 30	e	6	20	0	..	..	Tremors.
	f	6	37	0	..	..	
„ „	P	22	56	23	..	..	Feeble shock.
	S	23	0	16	..	..	
	L	23	4	1	..	..	
	F	23	22	0	..	..	
July 1	P	14	15	46	..	..	
	S	14	21	28	..	..	
	Sr	14	23	56	..	..	
	L	14	27	4	..	..	
	M	14	29	41	20	56	
	F	16	22	0	..	..	
„ 10	P	11	0	59	..	..	
	S	11	8	14	..	..	

Date.	Phase.	Time G. M. T.	Period (Sec.).	Amplitude (μ) An.	Remarks.
1926—*contd.*		H. M. S.			
	L	11 18 31	..	..	
	M	11 27 14	20	9	
	F	11 46 0	..	..	
July 15	e	18 36 59	..	..	Tremors.
	f	18 51 0	..	..	
„ 16	e	2 26 22	..	..	Tremors.
	f	2 34 0	..	..	
„ 22	P	23 11 28	..	..	Slight shock.
	Le	23 20 40	..	..	
	F	23 36 0	..	..	
„ 27	P	7 26 49	..	..	
	S	7 29 14	..	..	
	L	7 30 31	..	..	
	M	7 31 1	5	20	
	F	8 7 0	..	..	
„ 28	e	9 16 0	..	..	Tremors.
	f	9 20 0	..	..	
Aug. 2	P	5 11 49	..	..	
	S	5 17 31	..	..	
	L	5 23 9	..	..	
	M	5 35 52	16	7	
	F	6 18 0	..	..	
„ 3	Pe	3 51 7	..	..	
	S	3 56 42	..	..	
	Le	4 1 12	..	..	
	M	4 13 18	17	8	
	F	4 38 0	..	..	
„ „	P	10 41 59	..	..	Slight shock.
	S	10 49 34	..	..	
	Le	10 59 44	..	..	
	F	11 35 0	..	..	
„ „	Pe	19 50 39	..	..	Feeble shock.
	S	19 54 43	..	..	
	Le	19 57 43	..	..	
	F	20 52 0	..	..	
„ 6	Pe	16 7 48	..	..	Feeble shock.
	L	16 19 43	..	..	
	F	16 41 0	..	..	
„ „	e	20 44 0	..	..	Tremors.
	f	20 59 0	..	..	
„ „	P	22 49 57	..	..	
	S	22 52 27	..	..	
	L	22 54 39	..	..	
	M	22 56 42	10	33	
	F	23 29 0	..	..	

Date.	Phase.	Time G. M. T.	Period (Sec.).	Amplitude (μ) An.	Remarks.
1926—*contd.*		H. M. S.			
Aug. 9	Pe	4 0 49	..	..	From Colaba Seismograph No. 2 (An.)
	F	5 9 0	..	..	Tremors.
„ „	e	14 31 0	..	..	
	f	14 55 0	..	..	
„ 11	Pe	5 59 16	..	..	
	S	6 1 41	..	..	
	L	6 2 51	..	..	
	M	6 4 6	12	5	
	F	6 22 0	..	..	
„ 19	Pe	0 3 48	..	..	
	S	0 7 21	..	..	
	L	0 9 11	..	..	
	M	0 10 41	10	5	
	F	0 39 0	..	..	
„ „	Pe	14 13 11	..	..	Feeble shock.
	F	14 56 0	..	..	
„ 25	P	6 3 14	..	..	
	S	6 12 44	..	..	
	L	6 31 6	..	..	
	M	6 53 3	12	36	
	F	9 47 0	..	..	
„ 26	e	10 39 0	..	..	Tremors.
	f	10 51 0	..	..	
„ 29	e	7 56 0	..	..	Tremors.
	f	8 10 0	..	..	
„ „	e	11 5 0	..	..	Tremors.
	f	11 24 0	..	..	
„ 30	P	11 46 33	..	..	
	S	11 53 18	..	..	
	Le	11 56 48	..	..	
	M	11 57 23	10	22	
	F	12 30 0	..	..	
Sep. 2	P	1 31 21	..	..	
	S	1 39 4	..	..	
	Sr	1 42 41	..	..	
	L	1 46 41	..	..	
	M	1 50 51	22	237	
	F	5 19 0	..	..	
„ 4	P	15 47 42	..	..	
	S	15 55 58	..	..	
	Le	16 9 42	..	..	
	F	17 1 0	..	..	
„ 6	e	0 59 0	..	..	Tremors.
	f	2 57 0	..	..	
„ „	e	16 8 0	..	..	Tremors.

Date.	Phase.	Time G. M. T.	Period (Sec.).	Amplitude (μ) An.	Remarks.
1926—*contd.*		H. M. S.			
	f	16 38 0	..	..	
Sep. 7	P	12 34 47	..	..	
	S	12 44 17	..	..	
	L	13 2 27	..	..	
	M	13 4 54	22	18	
	F	14 24 0	..	..	
,, 8	P	15 59 43	..	..	Feeble shock.
	M	16 5 18	15	6	
	F	16 23 0	..	..	
,, 9	e	11 35 0	..	..	Tremors.
	f	11 48 0	..	..	
,, ,,	e	19 17 0	..	..	Tremors.
	f	19 58 0	..	..	
,, 10	P	10 42 54	..	..	
	S	10 49 34	..	..	
	L	10 58 14	..	..	
	M	11 0 34	24	231	
	F	15 8 0	..	..	
,, 11	P	12 35 59	..	..	
	S	12 42 44	..	..	
	Le	12 51 24	..	..	
	M	12 59 9	25	16	
	F	14 8 0	..	..	
,, ,,	e	17 12 0	..	..	Tremors.
	f	17 22 0	..	..	
,, 12	P	15 52 8	..	..	
	S	15 58 43	..	..	
	L	16 6 43	..	..	
	M	16 12 33	18	21	
	F	17 21 0	..	..	
,, 15	e	11 49 0	..	..	Tremors.
	f	13 10 0	..	..	
,, 16	P	18 12 17	..	..	
	S	18 22 37	..		
	L	18 43 32	..	..	
	M	18 44 27	20	28	
	F	21 12 0	..	..	
,, 17	e	2 9 0	..	..	Tremors.
	f	4 29 0	..	..	
,, 19	e	1 13 0	..	..	Tremors.
	f	1 57 0	..	..	
,, 23	P	18 42 37	..	..	Slight shock.
	M	18 47 29	22	12	
	F	9 55 0	..	..	

Date.	Phase.	Time G. M. T.	Period (Sec.).	Amplitude (μ) An.	Remarks.
1926—*contd.*		H. M. S.			
Sep. 27	e	1 39 0	..	..	Tremors.
	f	2 6 0	..	..	
,, 28	P	16 12 24	..	..	Slight shock.
	M	16 29 39	..	..	
	F	16 50 0	..	..	
Oct. 1	e	22 27 0	..	..	Tremors.
	f	23 58 0	..	..	
,, 3	P	8 45 38	..	..	
	M	9 7 3	..	..	
	F	9 49 0	..	..	
,, ,,	P	19 52 11	..	..	
	S	20 3 6	..	..	
	L	20 26 36	..	..	
	M	20 39 6	18	87	
	F	23 36 0	..	..	
,, 11	P	7 42 58	..	..	Feeble shock.
	F	8 24 0	..	..	
,, 12	P	2 5 44	..	..	Feeble shock.
	F	3 39 0	..	..	
,, 13	P	6 15 1	..	..	
	S	6 25 40	..	..	
	L	6 46 25	..	..	
	M	6 55 40	18	25	
	F	9 7 0	..	..	
,, ,,	P	14 30 25	..	..	
	S	14 41 2	..	..	
	L	15 2 7	..	..	
	M	15 10 57	22	22	
	F	16 6 0	..	..	
,, ,,	P	19 21 0	..	..	
	S	19 31 35	..	..	
	L	19 53 0	..	..	
	M	19 59 40	19	54	
	F	22 38 0	..	..	
,, 22	P	20 6 11	..	..	Slight shock.
	Se	20 11 26	..	..	
	Le	20 17 16	..	..	
	M	20 23 11	18	7	
	F	20 53 0	..	..	
,, 23	P	14 38 30	..	..	Slight shock.
	S	14 40 5	..	..	
	L	14 40 40	..	..	
	F	15 4 0	..	..	
,, 24	e	12 1 4	..	..	Tremors.
	f	13 31 0	..	..	

Date.	Phase.	Time G. M. T.	Period (Sec.).	Amplitude (μ) An.	Remarks.
1926—*contd.*		H. M. S.			
Oct. 26	P	3 55 43	..	..	
	S	4 4 31	..	..	
	L	4 20 3	..	..	
	M	4 24 50	30	148	
	F	8 21 0	..	..	
„ 27	e	5 10 0	..	..	Tremors.
	f	6 21 0	..	..	
Nov. 1	e	2 34 0	..	..	Tremors.
	f	2 56 0	..	..	
„ 2	e	19 58 0	..	..	Tremors.
	f	20 49 0	..	..	
„ „	e	21 20 45	..	..	Tremors.
	f	22 29 0	..	..	
„ 5	P	8 14 56	..	..	Feeble shock.
	F	10 20 0	..	..	
„ 6	e	9 43 6	..	..	Tremors.
	f	11 18 0	..	..	
14-15	P	23 46 2	..	..	
	S	23 47 10	..	..	
	L	23 47 40	..	..	
	F	0 7 0	..	..	
„ 21	P	11 25 36	..	..	
	S	11 29 56	..	..	
	L	11 32 16	..	..	
	F	11 52 0	..	..	
„ 27	P	5 35 26	..	..	Feeble shock.
	F	6 26 0	..	..	
Dec. 2	P	8 23 11	..	..	Slight shock.
	S	8 30 51	..	..	
	Le	8 42 11	..	..	
	F	9 3 0	..	..	
„ 4	Pe	11 23 42	..	..	
	L	11 26 42	..	..	
	F	11 37 0	..	..	
„ 5	P	19 50 4	..	..	Feeble shock.
	S	19 54 16	..	..	
	F	20 14 0	..	..	
„ 14	P	17 20 9	..	..	Slight shock.
	S	17 28 9	..	..	
	Le	17 40 34	..	..	

Date.	Phase.	Time G. M. T.	Period (Sec.).	Amplitude (μ) An.	Remarks.
1926—*contd.*		H. M. S.			
	F	18 31 0	..	..	
Dec. 16	e	18 8 25	..	..	Tremors.
	i	18 44 0	..	..	
„ 17	e	11 56 8	..	..	Tremors.
	f	12 34 0	..	..	
„ 19	Pe	11 9 32	..	..	
	L	11 10 52	..	..	
	F	11 18 0	..	..	
„ 24	P	7 9 2	..	..	
	S	7 14 27	..	..	
	L	7 19 27	..	..	
	M	7 22 37	15	6	
	F	8 17 0	..	..	
„ 25	P	6 55 2	..	..	
	S	7 4 17	..	..	
	Le	7 20 17	..	..	
	F	8 29 0	..	..	
„ „	Pe	15 52 1	..	..	
	M	16 2 49	15	5	
	F	16 26 0	..	..	
„ 27	e	9 54 33	..	..	Tremors.
	f	11 39 0	..	..	
„ 28	Pe	3 54 3	..	..	
	M	3 57 33	..	..	
	F	4 7 0	..	..	
„ 29	P	12 59 37	..	..	Feeble shock.
	S	13 7 17	..	..	
	L	13 18 12	..	..	
	F	14 19 0	..	..	
„ 30	e	12 44 59	..	..	Tremors.
	f	13 4 0	..	..	
„ „	P	13 42 31	..	..	Feeble shock.
	M	13 45 23	..	..	
	F	13 53 0	..	..	
„ 31	P	16 55 40	..	..	
	S	16 57 5	..	..	
	L	16 57 40	..	..	
	M	16 59 48	7	7	
	F	17 20 0	..	..	

A=Amplitude in microns (μ = ·001mm.), T=Period in seconds.

Derived from readings for the period of thirty minutes centering at the exact hour, local mean time.

Day.	January.								February.			
	0h.		6h.		12h.		18h.		0h.		6h.	
	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.
1	..	..	..	..	1·8	15·0	1·6	12·0	..	..	..	..
2	..	..	..	..	1·8	15·0	..	..	1·3	8·5	1·9	10·0
3	..	..	1·8	15·0	2·5	15·0	1·8	15·0	..	..	..	..
4	..	..	1·8	15·0	2·5	15·0	..	..	..	..	3·6	15·0
5	..	..	..	..	..	..	1·9	12·0	..	..	..	..
6	2·5	15·0	..	..	2·5	17·0	1·7	10·0	..	..	..	..
7	2·5	15·0	..	..	2·5	15·0	2·5	15·0	..	..	..	..
8	2·5	15·0	..	..	..	..	2·5	15·0	..	..	2·2	12·0
9	..	..	..	..	1·7	20·0	2·5	15·0	2·9	15·0	..	..
10	2·5	15·0	2·5	15·0	1·9	15·0	1·9	12·0	..	..	..	..
11	2·5	15·0	1·8	15·0	2·5	20·0	..	..	..	..	..	..
12	..	..	..	..	..	..	..	..	2·2	12·0	..	..
13	..	..	..	..	2·5	15·0	1·8	15·0	..	..	2·2	12·0
14	..	..	..	..	..	..	..	..	..	..	..	..
15	..	..	..	..	..	..	..	..	2·9	15·0	2·9	15·0
16	..	..	..	..	2·5	15.0	1·9	12·0	..	..	..	..
17	..	..	2·9	15·0	2·5	15·0	..	..	1·6	12·0	1·8	15·0
18	..	..	..	..	..	..	..	..	..	..	..	..
19	..	..	..	..	2·5	15·0	1·6	12·0	..	..	..	..
20	..	..	..	..	2·5	15·0	2·5	15·0	..	..	1·4	10·0
21	..	..	..	..	..	..	2·5	15·0	1·3	12·0	1·8	15·0
22	..	..	..	..	..	..	2·5	15·0	1·4	10·0	..	..
23	2·9	15·0	2·9	15·0	1·9	15·0	2·5	15·0	1·6	12·0	..	..
24	..	..	..	..	1·8	20·0	2·5	20·0	2·2	12·0	..	..
25	1·9	15·0	..	..	1·9	15·0	1·9	15·0	..	..	1·4	10·0
26	1·9	15·0	2·9	15·0	2·5	15·0	2·5	17·0	1·4	10·0	..	..
27	2·5	17·0	2·9	15·0	..	..	..	..	2·2	12·0	..	..
28	..	..	..	..	..	..	2·5	15·0	..	..	..	..
29	..	..	2·5	15·0	2·9	15·0	2·9	17·0				
30	..	..	..	..	2·5	15·0	..	..				
31	..	..	..	..	..	..	..	..				
Mean	2·4	15·2	2·4	15·0	2·3	15·9	2·2	14·5	1·9	11·9	2·1	12·7
Mean for day	A=2·3μ				T=15·1 sec.						A=2·0μ	

Day.	April.								May.			
	0h.		6h.		12h.		18h.		0h.		6h.	
	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.
1	1·9	12·0	..	..	1·4	10·0	1·4	10·0	·9	8·5	·9	8·5
2	1·9	12·0	1·5	8·5	2·5	15·0	1·7	10·0	1·2	10·0	·9	10·0
3	..	..	..	..	1·7	10·0	2·5	15·0	..	..	1·1	8·5
4	..	..	2·2	12·0	..	..	1·7	10·0	..	..	1·1	8·5
5	..	..	1·4	10·0	1·9	12·0	1·7	10·0	·9	8·5	·8	7·5
6	1·5	8·5	1·6	12·0	1·7	10·0	1·9	12·0	·8	7·5	·8	7·5
7	1·7	10·0	1·9	12·0	1·9	12·0	1·5	8·5	1·2	10·0	..	..
8	1·5	8·5	2·2	12·0	2·5	15·0	1·6	12·0	..	..	1·2	10·0
9	1·7	10·0	2·5	15·0	1·9	12·0	1·8	15·0	..	..	..	..
10	1·6	12·0	1·4	12·0	1·3	8·5	1·6	12·0	..	..	..	..
11	..	..	..	..	1·4	10·0	1·4	10·0	..	..	..	..
12	1·7	10·0	2·1	15·0	1·4	10·0	..	..	1·2	10·0	..	..
13	..	..	..	..	..	..	..	..	..	..	..	..
14	1·7	10·0	..	..	..	..	1·6	12·0	..	..	..	..
15	..	..	..	..	1·6	12·0	1·9	12·0	..	..	1·4	10·0
16	2·2	12·0	1·4	10·0	1·7	10·0	1·6	12·0	1·5	7·5	..	..
17	..	..	..	..	2·5	15·0	1·7	10·0	..	..	..	..
18	1·7	10·0	1·9	12·0	1·9	12·0	1·9	12·0	..	..	..	..
19	..	..	1·9	12·0	2·5	15·0	1·1	8·5	..	..	..	..
20	1·4	10·0	1·4	10·8	1·7	10·0	1·7	10·0	..	..	..	..
21	1·7	10·0	1·9	12·0	1·9	12·0	1·9	12·0	..	..	1·7	10·0
22	1·7	10·0	1·7	10·2	1·7	10·0	1·7	10·0	1·3	7·5	1·3	8·5
23	1·5	8·5	1·9	12·0	1·7	10·0	1·9	12·0	1·5	7·5	1·4	6·5
24	2·5	15·0	2·5	15·0	1·9	12·0	1·9	12·0	..	..	1·3	8·5
25	1·7	10·0	1·7	10·0	1·9	12·0	1·9	12·0	..	..	..	..
26	1·6	12·0	2·1	15·0	1·6	12·0	1·4	12·0	..	..	..	..
27	1·4	12·0	1·6	12·0	1·6	12·0	1·9	12·0	1·5	7·5	1·5	8·5
28	..	..	..	..	..	..	1·8	15·0	..	..	..	..
29	..	..	2·1	15·0	1·9	12·0	1·6	12·0	..	..	1·7	10·0
30	1·6	12·0	1·9	12·0	2·1	15·0	1·2	10·0	..	..	1·5	8·5
31									1·2	10·0	..	..
Mean	1·7	10·7	1·9	12·1	1·8	11·8	1·7	11·4	1·2	8·6	1·2	8·7
Mean for day	A=1·8μ				T=11·5						A=1·3μ	

NOTE:—The symbol .. indicates that microseisms were

A=Amplitude in microns (μ=·001mm.), T=Period in seconds.

Derived from readings for the period of thirty minutes centering at the exact hour, local mean time.

February—(contd.)				March.								
12h.		18h.		0h.		6h.		12h.		18h.		Day.
A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	
2·9	15·0	1·2	15·0	2·5	15·0	..	..	2·1	15·0	2·5	15·0	1
1·4	10·0	..	..	2·5	15·0	..	..	2·1	15·0	1·9	12·0	2
..	..	2·9	15·0	2·5	15·0	..	..	2·1	15·0	2·5	15·0	3
1·9	10·0	..	..	2·5	15·0	..	..	1·6	12·0	2·5	15·0	4
..	..	2·9	15·0	1·9	12·0	1·9	12·0	1·2	10·0	2·5	15·0	5
2·9	15·0	2·9	15·0	..	..	..	..	..	..	..	..	6
1·6	12·0	2·7	15·0	..	..	..	..	..	..	..	..	7
1·8	15·0	3·6	20·0	1·9	12·0	..	..	2·1	15·0	1·6	15·0	8
1·6	12·0	1·6	12·0	1·6	12·0	2·1	15·0	..	..	1·9	15·0	9
1·6	12·0	2·9	15·0	..	..	2·5	15·0	1·4	10·0	1·6	15·0	10
3·6	15·0	2·7	12·0	..	..	..	..	2·5	15·0	1·6	15·0	11
..	..	..	..	..	..	..	..	1·6	12·0	..	..	12
1·9	10·0	..	..	1·9	12·0	..	..	..	..	2·5	20·0	13
1·6	12·0	1·6	15·0	1·9	12·0	1·9	12·0	1·2	15·0	1·8	15·0	14
2·2	12·0	1·6	15·0	1·4	12·0	..	..	1·9	15·0	2·5	15·0	15
1·6	12·0	1·8	20·0	2·5	15·0	..	..	..	..	1·9	20·0	16
..	..	1·8	20·0	2·5	15·0	..	..	2·1	15·0	..	..	17
2·2	12·0	..	..	..	..	..	..	2·5	15·0	..	..	18
1·6	12·0	2·2	12·0	..	..	..	..	1·6	15·0	1·7	20·0	19
1·8	15·0	1·8	15·0	..	..	..	..	1·7	20·0	1·9	12·0	20
1·2	20·0	1·8	15·0	2·5	15·0	..	..	1·9	12·0	1·9	12·0	21
1·8	15·0	1·1	12·0	..	..	..	..	2·5	15·0	1·9	12·0	22
1·8	15·0	2·2	12·0	1·9	12·0	..	..	1·6	15·0	1·6	12·0	23
..	..	1·8	15·0	..	..	..	..	1·6	15·0	1·6	12·0	24
1·4	10·0	..	..	..	..	..	..	..	..	2·5	15·0	25
..	..	2·2	12·0	..	..	..	..	2·5	15·0	2·1	15·0	26
1·8	15·0	1·8	15·0	..	..	..	..	..	..	2·1	15·0	27
2·9	15·0	1·6	12·0	..	..	..	..	2·5	15·0	..	..	28
				..	..	..	..	2·1	15·0	1·6	12·0	29
				..	..	..	..	2·5	15·0	1·6	12·0	30
				..	..	..	..	1·6	12·0	..	..	31
2·0	13·2	2·1	14·7	2·1	13·5	2·1	13·5	1·9	14·3	2·0	14·6	Mean.
T=13·4 sec.				A=2·0μ.				T=14·2 sec.				Mean for day

May—(contd.)				June.								
12h.		18h		0h.		6h.		12h.		18h		Day.
A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	
·9	8·5	..	..	·9	8·5	1·5	8·5	1·5	8·5	1·1	8·5	1
·9	8·5	1·1	12·0	·8	7·5	1·1	8·5	1·1	7·5	1·1	8·5	2
·9	10·0	1·1	8·5	1·3	8·5	1·1	7·5	·7	10·0	..	..	3
1·2	10·0	·8	7·5	..	..	..	..	..	..	..	..	4
·9	10·0	·9	10·0	..	..	..	..	..	..	1·3	8·5	5
·8	8·5	..	..	1·3	7·5	1·0	6·5	..	..	..	..	6
..	..	..	..	1·0	6·5	..	..	·6	7·5	·6	7·5	7
1·2	10·0	1·4	10·0	·7	8·5	0·4	6·5	·9	10·0	·9	8·5	8
..	..	1·4	12·0	·8	6·0	0·8	7·5	·8	7·5	1·2	6·5	9
1·4	10·0	..	..	·8	6·0	·8	7·5	1·1	7·5	·8	7·5	10
1·1	8·5	1·2	10·0	1·2	6·5	1·1	8·5	·6	7·5	·8	6·0	11
1·3	7·5	..	..	1·0	6·5	1·2	6·5	·8	6·0	·8	6·5	12
1·4	10·0	1·4	10·0	1·8	6·5	..	..	..	..	..	..	13
1·4	10·0	1·4	10·0	..	..	..	..	1·3	7·5	1·3	7·5	14
1·2	8·5	1·3	8·5	..	..	1·3	8·5	1·3	8·5	1·1	7·5	15
..	..	1·5	7·5	1·3	7·5	1·3	8·5	1·3	8·5	1·3	8·5	16
..	..	..	..	..	..	1·1	7·5	1·1	8·5	1·5	8·5	17
1·3	8·5	1·7	10·0	1·3	8·5	1·1	7·5	1·3	7·5	1·5	7·5	18
1·3	8·5	1·4	10·0	1·2	6·5	1·3	8·5	1·5	8·5	1·5	8·5	19
..	..	..	..	1·5	8·5	1·5	7·5	1·7	7·5	1·2	6·0	20
1·5	7·5	1·3	8·5	1·0	6·5	1·0	6·5	1·3	7·5	1·0	6·5	21
1·2	6·0	1·5	7·5	1·0	6·5	1·3	7·5	1·2	6·5	1·1	7·5	22
1·7	10·0	1·4	10·0	..	..	1·0	6·5	·8	6·5	..	..	23
1·3	8·5	1·4	10·0	1·3	8·5	1·3	8·5	..	..	1·1	8·5	24
1·6	12·0	1·7	10·0	1·1	8·5	..	..	..	..	..	..	25
..	..	1·7	10·0	..	..	..	..	..	..	..	..	26
..	..	..	..	1·1	7·5	1·1	7·5	..	..	..	..	27
1·9	12·0	..	..	..	..	..	..	1·1	7·5	..	..	28
..	..	..	..	..	..	1·3	8·5	..	..	..	..	29
1·7	10·0	1·2	10·5	..	..	1·2	6·5	1·5	7·5	1·5	7·5	30
1·1	8·5	..	..									31
1·3	8·2	1·3	9·6	1·1	7·5	1·1	7·6	1·1	7·8	1·1	7·6	Mean.
T=9·1				A=1·1μ				T=7·6				Mean for day.

not measured, either by reason of occurrence of earthquake, no microseisms being present or lack of record.

A=Amplitude in microns (μ=·001mm.), T =Period in seconds.

Derived from readings for the period of thirty minutes centering at the exact hour, local mean time.

Date.	July.								August.			
	0h.		6h.		12h.		18h.		0h.		6h.	
	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.
1	1·2	6·0	..	..	2·1	7·5	1·3	7·5	..	..	..	..
2	2·4	6·0	2·0	6·0	1·1	7·5	1·6	7·5	1·2	6·5	2·2	8·5
3	2·4	6·5	1·7	7·5	2·9	6·5	..	..	1·5	7·5	1·5	7·5
4	1·3	6·0	·8	7·5	·9	6·0	·9	6·0	1·3	7·5	1·5	7·5
5	1·1	5·5	·5	7·5	1·1	6·0	·8	6·5	1·1	7·5	1·3	8·5
6	1·1	6·5	1·1	8·5	1·3	12·0	..	..	1·0	6·0	·8	6·5
7	1·2	6·6	·8	6·5	1·1	8·5	1·3	7·5	1·3	7·5	1·4	6·5
8	·8	7·5	1·8	8·5	1·3	8·5	..	..	1·4	6·0	2·1	7·5
9	..	..	..	..	..	..	1·0	6·0	..	..	..	..
10	..	..	..	..	..	..	..	..	..	..	..	..
11	..	..	..	..	1·1	7·0	1·8	6·0	1·1	7·5	1·3	7·5
12	·9	8·5	..	..	·8	6·5	·9	6·0	..	..	·9	8·5
13	1·3	12·0	·8	7·5	..	..	1·2	6·0	..	..	..	..
14	1·2	5·5	2·1	7·5	2·7	7·0	..	..	..	..	..	..
15	..	..	1·2	6·0	·9	6·0	2·7	7·0	..	..	..	..
16	2·7	6·0	2·1	15·0	1·4	6·0	·8	7·5	·9	8·5	·8	7·5
17	2·8	5·0	..	..	·9	6·0	1·6	12·0	..	..	..	..
18	1·4	5·0	·9	10·0	1·2	6·0	1·1	7·5	..	..	..	..
19	..	..	·4	5·5	..	..	·4	5·0	..	..	·9	8·5
20	·4	5·5	..	..	·5	6·0	·9	6·0	..	..	..	..
21	·9	6·0	1·3	6·5	..	..	..	..	..	..	..	..
22	..	..	..	..	·9	8·5	..	..	..	..	..	..
23	1·1	8·5	1·2	6·0	..	..	..	..	1·0	6·0	..	..
24	..	..	1·4	6·0	1·0	6·5	1·6	6·0	..	..	..	..
25	..	..	1·2	6·5	1·3	6·0	·8	6·0	..	..	..	..
26	2·2	7·0	1·0	6·5	1·0	6·5	·8	7·5	..	..	..	..
27	1·1	8·5	..	..	1·4	7·0	..	..	..	..	..	..
28	..	..	..	..	..	..	..	..	..	..	..	..
29	..	..	1·1	7·5	..	..	·8	7·5	..	..	..	..
30	1·8	8·0	·9	8·5	1·3	7·5	..	..	..	..	..	..
31	1·4	8·0	..	..	·4	7·5	..	..	..	..	..	..
Mean	1·5	6·9	1·2	7·5	1·2	7·1	1·2	6·9	1·2	7·1	1·3	7·7
Mean for day	A=1·3μ				T=7·2 sec.				A=1·2μ			

Date.	October.								November.			
	0h.		6h.		12h.		18h.		0h.		6h.	
	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.
1	1·4	10·0	..	..	..	..	..	..	..	..	2·7	12·0
2	..	..	..	..	..	..	·7	10·0	2·2	12·0	3·6	15·0
3	1·1	10·0	1·1	8·5	1·1	8·5	1·4	10·0	..	..	..	..
4	1·1	6·5	1·6	8·5	·9	8·5	·8	9·0	1·2	10·0	..	..
5	..	..	1·2	8·5	·8	8·5	·7	10·0	1·6	12·0	2·8	15·0
6	1·0	6·0	1·1	9·0	..	..	..	..	..	..	..	..
7	1·1	6·0	1·8	10·0	1·3	8·5	1·1	9·0	..	..	2·2	12·0
8	1·1	8·0	..	..	..	..	..	..	..	..	..	..
9	..	..	..	..	·8	8·5	·9	7·0	1·2	10·0	..	..
10	·9	7·0	1·2	8·5	1·8	10·0	·9	7·0	1·6	12·0	..	..
11	..	..	1·4	10·0	..	..	1·3	8·5	..	..	..	..
12	..	..	..	..	1·4	10·0	1·6	8·5	2·1	15·0	1·4	10·0
13	2·1	10·0	..	..	1·6	8·5	..	..	..	..	1·8	8·5
14	..	..	..	..	1·1	8·5	1·6	8·5	1·3	8·5	1·3	12·0
15	..	..	1·6	8·5	..	..	..	..	1·4	10·0	1·3	12·0
16	..	..	..	..	·5	9·0	·8	8·5	1·9	10·0	..	..
17	..	..	·8	8·5	..	..	·5	8·5	..	..	1·4	10·0
18	·5	8·5	..	..	·9	8·5	1·1	10·0	1·3	12·0	1·2	10·0
19	1·4	10·0	..	..	1·6	8·5	1·6	8·5	..	..	1·8	8·5
20	..	..	1·4	8·5	2·1	10·0	..	..	..	..	..	..
21	..	..	..	..	..	..	1·1	9·0	..	..	1·6	12·0
22	..	..	1·8	10·0	1·8	10·0	·8	8·5	1·7	7·5	1·9	10·0
23	1·8	10·0	..	..	1·4	10·0	1·8	10·0	1·0	6·0	2·1	6·5
24	..	..	..	..	1·8	10·0	1·4	8·5	2·0	10·0	1·2	6·5
25	..	..	..	..	2·2	8·5	2·2	8·5	1·3	7·5	1·7	7·5
26	..	..	3·6	10·0	2·8	10·0	2·2	8·5	1·0	6·0	1·2	6·0
27	2·4	7·0	2·7	8·5	2·2	9·0	..	..	1·2	10·0	..	..
28	3·6	10·0	..	..	..	..	..	..	..	..	1·6	12·0
29	..	..	..	..	..	..	..	..	1·1	15·0	1·2	10·0
30	2·8	10·0	..	..	..	..	..	..	1·9	8·5	·6	7·5
31	..	..	..	..	..	..	..	..	..	..	..	..
Mean	1·6	8·5	1·6	9·0	1·5	9·1	1·2	8·8	1·5	10·1	1·7	10·1
Mean for day	A=1·5μ		T=10·4 sec.						A=1·5μ			

NOTE :—The symbol .. indicates that microseisms were

A=Amplitude in microns (μ=0·001mm.), T=Period in seconds.

Derived from readings for the period of thirty minutes centering at the exact hour, local mean time.

August—(*contd.*)				September.								Date.
12h.		18h.		0h.		6h.		12h.		18h.		
A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	
..	..	1·4	6·5	..	..	..	..	2·8	10·0	1·6	7·0	1
1·5	7·5	1·5	8·5	..	..	..	..	..	..	3·6	10·0	2
1·2	6·5	1·4	6·0	3·6	10·0	2·7	7·0	3·6	10·0	2·7	6·5	3
1·2	6·5	1·4	6·5	..	..	2·4	6·0	..	..	..	..	4
1·0	6·0	1·0	6·5	2·7	6·5	..	..	..	..	..	..	5
1·3	7·5	1·3	7·5	..	..	..	..	..	..	..	..	6
1·6	6·0	1·8	8·5	..	..	..	..	..	..	..	..	7
1·7	7·5	..	..	..	..	..	..	..	..	..	..	8
..	..	..	..	..	..	..	..	..	..	..	..	9
1·0	6·0	1·0	6·5	2·1	10·0	..	..	..	..	..	..	10
·9	8·5	·8	7·5	..	..	..	..	..	..	2·2	6·5	11
1·1	7·5	..	..	..	..	2·1	10·0	..	..	2·1	10·0	12
..	..	..	..	2·2	6·0	..	..	1·3	7·0	1·6	6·0	13
..	..	..	..	..	..	1·6	6·5	1·1	6·5	1·1	6·5	14
..	..	..	..	·9	7·5	..	..	..	..	2·1	10·0	15
·9	8·5	..	..	1·6	6·0	1·4	5·5	1·2	6·0	·9	7·0	16
..	..	..	..	..	..	..	..	·9	6·0	0·4	10·0	17
..	..	·9	8·5	1·4	10·0	1·2	6·0	..	..	..	..	18
·8	7·5	..	..	..	..	1·6	6·5	1·4	10·0	2·1	10·0	19
1·1	8·5	..	..	2·1	10·0	2·2	6·5	..	..	1·4	10·0	20
..	..	..	..	..	..	..	..	..	..	..	..	21
..	..	..	..	1·8	10·0	..	..	..	..	..	..	22
1·0	6·5	..	..	..	..	..	..	..	..	..	..	23
..	..	·8	7·5	..	..	..	..	..	..	..	..	24
..	..	..	..	..	..	..	..	..	..	..	..	25
..	..	..	..	1·6	6·0	..	..	2·1	10·0	2·1	10·0	26
..	..	..	..	2·1	10·0	..	..	..	..	·9	8·5	27
..	..	1·1	8·5	1·3	6·5	1·8	10·0	1·4	10·0	..	..	28
..	..	..	..	1·4	10·0	..	..	·7	10·0	·5	7·0	29
..	..	..	..	0·9	..	..	..	·9	7·0	1·4	10·0	30
1·1	8·5	1·1	7·5									31
1·2	7·3	1·2	7·4	1·9	8·3	1·9	7·1	1·6	8·4	1·7	8·4	Mean.
T=7·3 sec.				A=1·8μ				T=8·1 sec.				Mean for day.

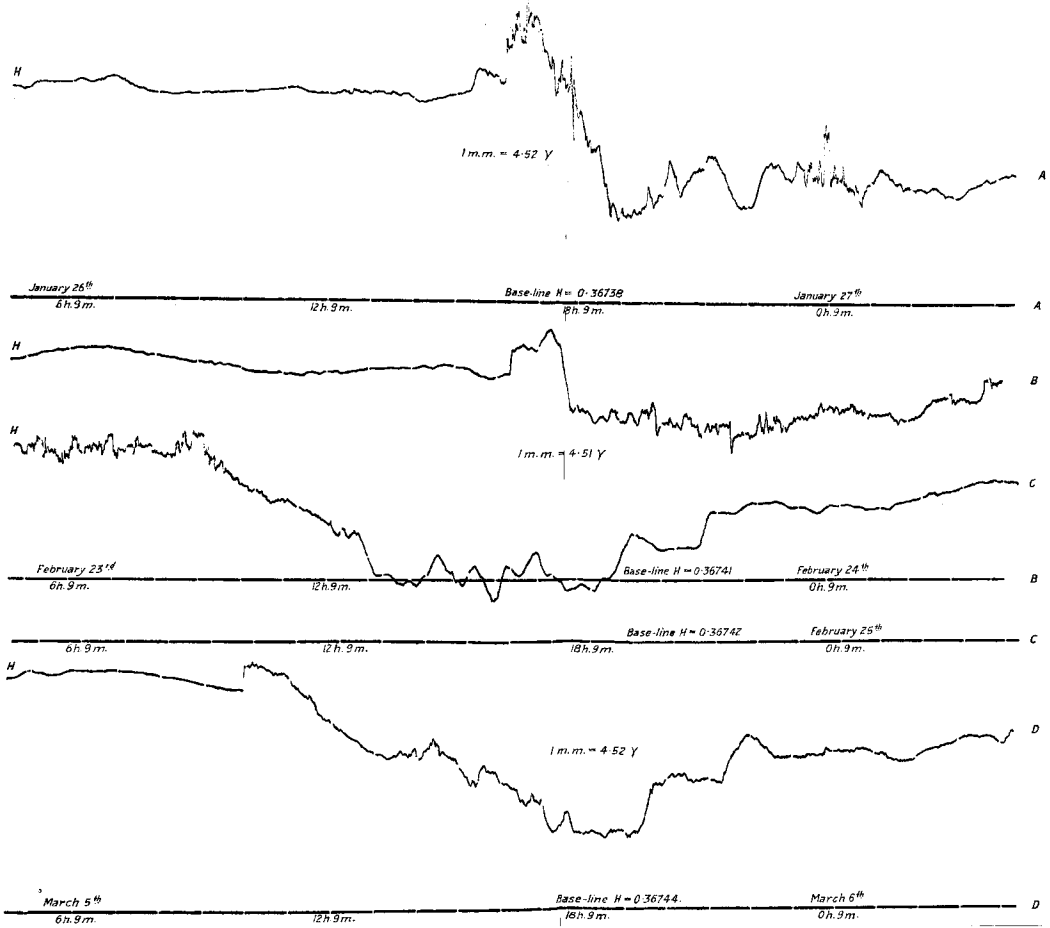
November—(*contd.*)				December.								Date.
12h.		18h.		0h.		6h.		12h.		18h.		
A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	
2·8	15·0	..	..	..	..	..	..	..	..	..	..	1
2·1	15·0	1·9	10·0	1·4	15·0	1·4	15·0	1·8	15·0	..	..	2
..	..	·9	10·0	..	..	1·1	12·0	·9	10·0	·4	15·0	3
..	..	1·8	15·0	..	..	·9	10·0	·7	15·0	·4	15·0	4
..	..	..	..	·9	10·0	1·3	12·0	1·2	10·0	..	..	5
1·4	15·0	1·8	15·0	1·6	12·0	1·2	10·0	1·6	12·0	·9	10·0	6
1·6	12·0	..	..	1·6	12·0	..	..	1·8	15·0	·7	15·0	7
1·9	10·0	..	..	..	..	..	..	·7	15·0	·7	15·0	8
..	..	..	..	1·3	12·0	1·3	12·0	..	..	1·1	15·0	9
..	..	..	..	..	..	1·4	15·0	·5	12·0	1·1	15·0	10
1·9	10·0	..	..	..	..	1·1	15·0	·5	12·0	1·1	15·0	11
1·2	10·0	1·6	12·0	·9	10·0	..	..	..	..	·9	10·0	12
2·1	15·0	1·2	10·0	1·4	10·0	..	..	1·3	12·0	1·1	12·0	13
..	..	..	..	..	..	..	..	..	..	1·1	12·0	14
1·3	12·0	..	..	1·8	15·0	1·8	15·0	1·4	10·0	·7	10·0	15
..	..	1·1	7·5	1·3	12·0	·7	15·0	2·1	15·0	1·4	15·0	16
..	..	1·4	10·0	1·1	12·0	..	..	1·8	15·0	1·8	15·0	17
..	..	1·4	10·0	1·4	10·0	..	..	..	..	1·6	12·0	18
1·7	7·5	1·3	12·0	..	..	1·4	10·0	1·8	15·0	..	..	19
1·1	8·5	1·1	12·0	..	..	..	..	1·8	15·0	1·2	10·0	20
1·4	10·0	1·3	8·5	..	..	..	..	1·6	15·0	1·2	10·0	21
1·3	6·5	1·2	6·0	..	..	1·1	12·0	..	..	·8	12·0	22
1·1	8·5	1·3	7·5	1·1	12·0	1·1	12·0	·8	12·0	·5	12·0	23
1·1	7·5	1·8	8·5	·7	8·5	·7	15·0	1·3	12·0	·5	12·0	24
..	..	1·2	5·0	..	..	·4	15·0	..	..	1·2	10·0	25
..	..	1·2	10·0	1·2	10·0	·5	12·0	1·9	8·5	1·1	17·5	26
..	..	..	..	1·1	7·5	1·3	17·5	1·1	7·5	1·1	17·5	27
1·9	8·6	·9	10·0	1·1	12·0	..	..	..	..	1·4	15·0	28
·8	12·0	·4	8·5	..	..	1·1	15·0	1·4	15·0	1·3	12·0	29
·5	10·0	..	..	..	..	1·4	15·0	1·8	15·0	·5	12·0	30
				..	..	..	..	1·4	15·0	·8	12·0	31
1·5	10·7	1·3	9·9	1·2	11·3	1·1	13·4	1·4	13·0	1·0	13·1	Mean.
T=12·6 sec.				A=1·2μ				T=12·8 sec.				Mean for day.

not measured, either by reason of occurrence of earthquake, no microseisms being present or lack of record.

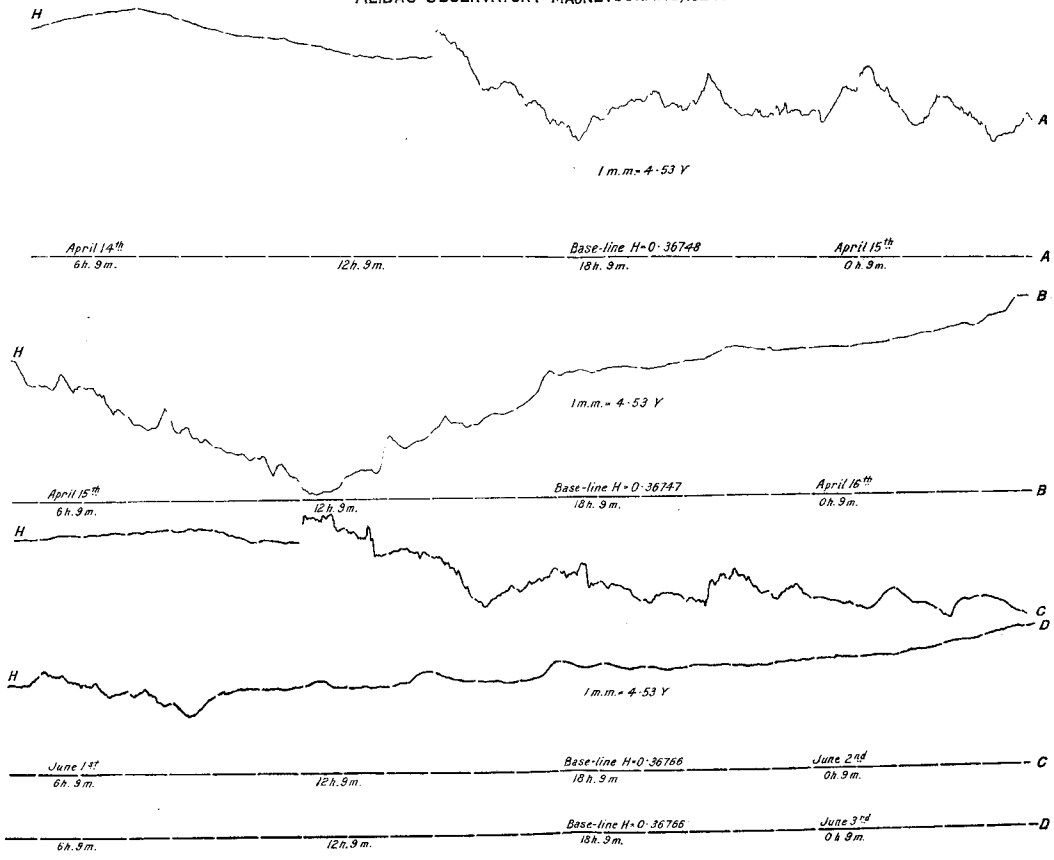
GIPD—152 CPB(P)—26·6·30—250.

ALIBAG OBSERVATORY MAGNETOGRAMS, 1926.

Plate I.

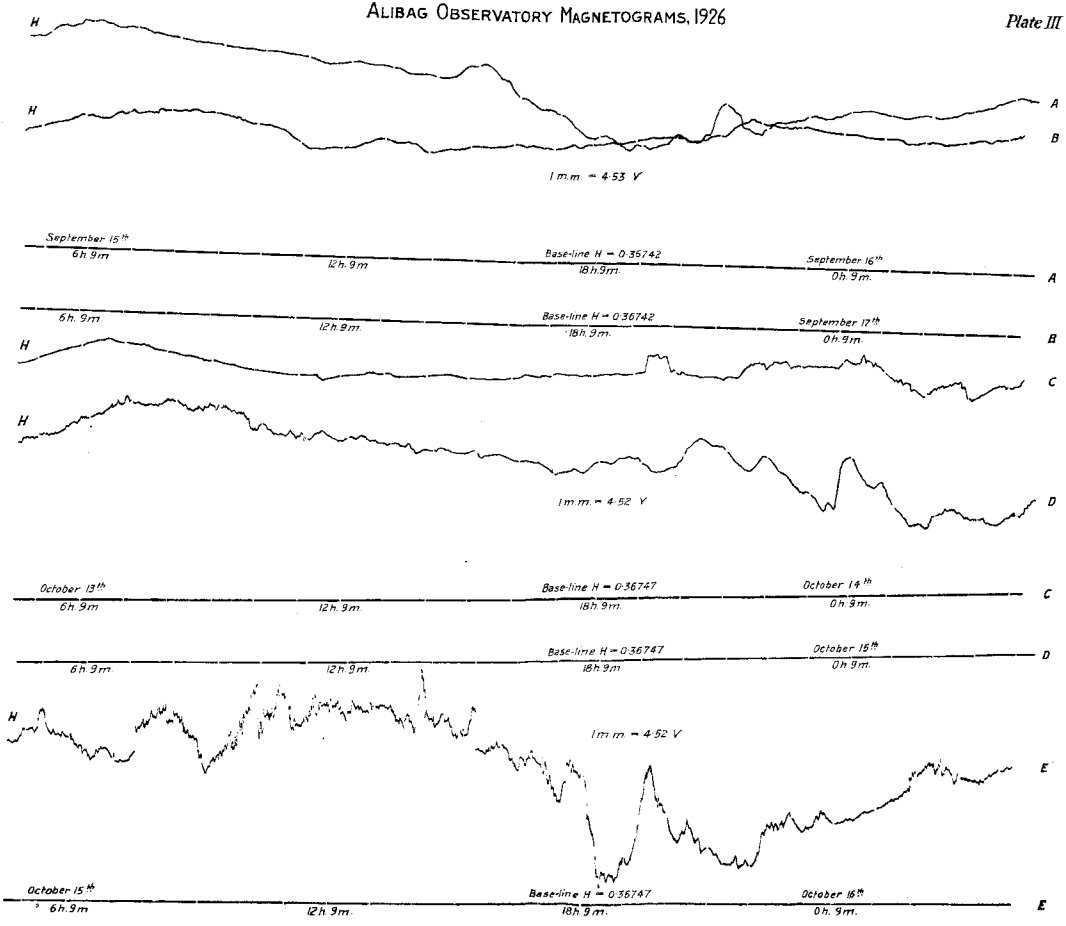


ALIBAG OBSERVATORY MAGNETOGRAMS, 1926.

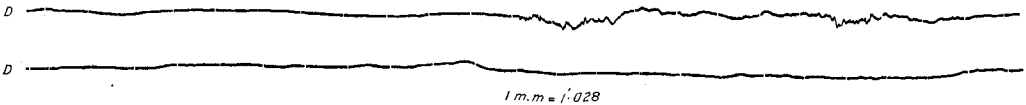


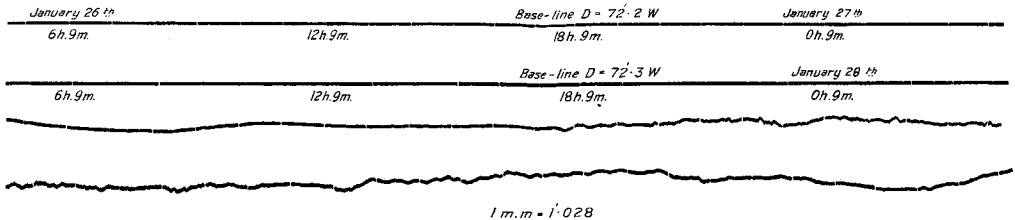
ALIBAG OBSERVATORY MAGNETOGRAMS, 1926

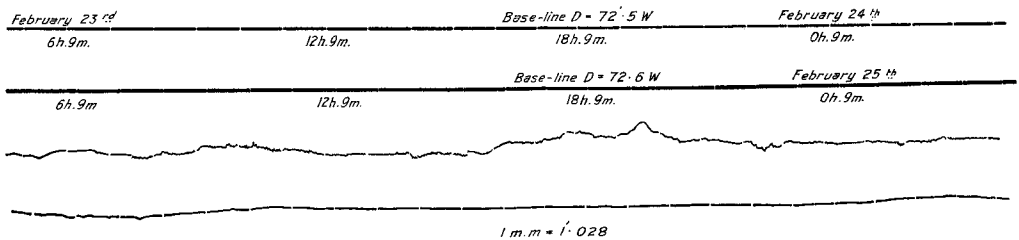
Plate III

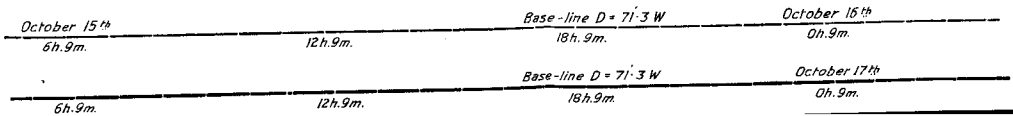


ALIBAG OBSERVATORY MAGNETOGRAMS, 1926.



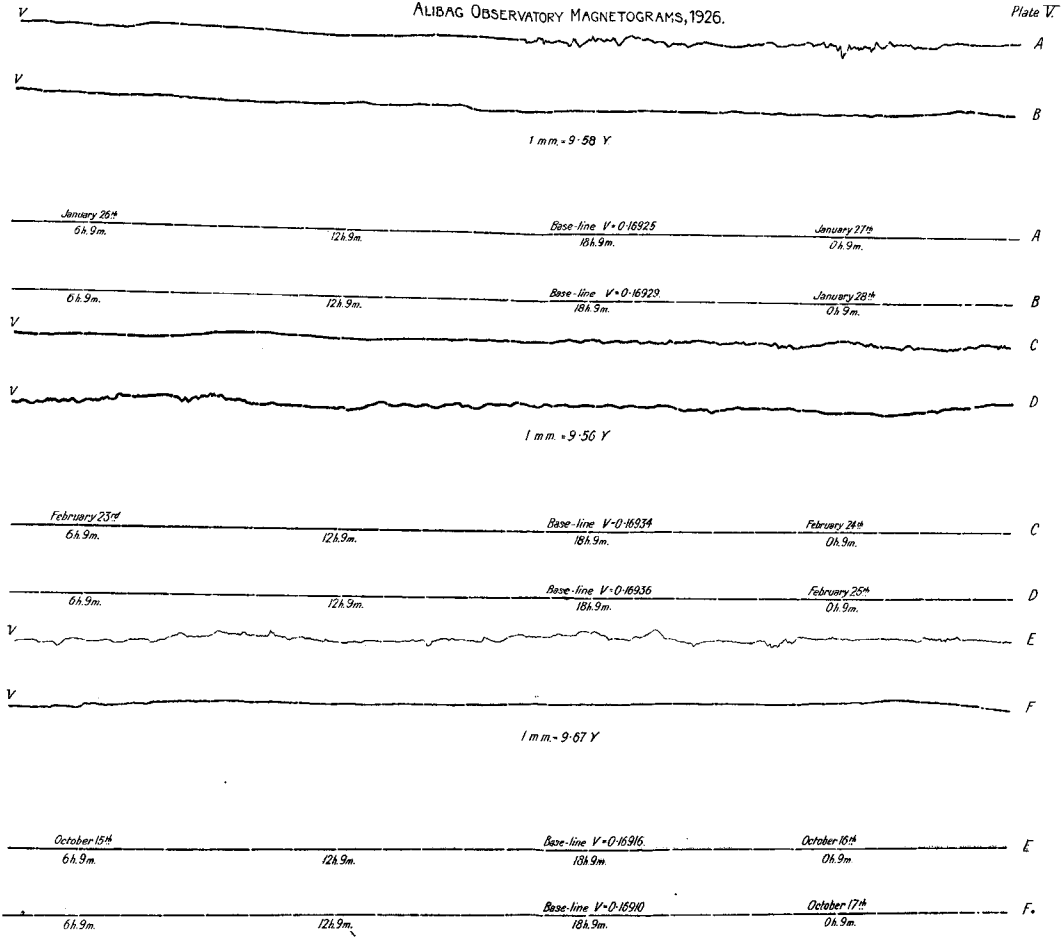






ALIBAG OBSERVATORY MAGNETOGRAMS, 1926.

Plate V.



LIBRARY
OF THE
BOMBAY
BRANCH
OF THE
ROYAL ASIATIC SOCIETY.

00133511

Digitized with financial assistance from

Government of Maharashtra

on 01 February, 2020